# The 50 MH3 DX Bulletin

Volume 17, Issue 10

October 2006

ISSN 1073-1024

The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$24 U.S. first class mail, \$27 Canada/Mexico airmail, and \$30 by airmail elsewhere for 12 issues. Payments may be made to k6fv through PayPal. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4554 USA. My Internet address is victor.frank@sri.com. My web site is http://www.qsl.net/k6fv. The bulletin may be freely quoted, provided that credit is given.

### The Next Solar Maximum?

Last Spring we published a prediction by National Center for Atmospheric Research (NCAR) scientists, based on their Predictive Flux-Transport Dynamo Model that the next solar cycle will be up to 50 percent stronger than its predecessor and begin a year later than expected.

Another group of scientists from Nagoya University, Japan, and U.S. Air Force Research Laboratory, Hanscom Air Force Base, MA has come to the opposite conclusion. Their results were published in Geophysical Research Letters, on January 11, 2005 in an article entitled Sunspot cycle 24:

Smallest cycle in 100 years?.

Their conclusions were based on data from the first of three years of data during the current decline of solar cycle 23 using the Precursor Method, which is stated to be capable of predicting the magnitude of the next solar maximum up to about seven years before that maximum occurs. While they indicate that two more years of data (through the solar minimum) would be required to produce a more accurate prediction, they predict a maximum sunspot number of only 75 with an error of plus or minus 8, peaking around 2011.

The Precursor Method is based on the strengths of the (poloidal) magnetic fields that congregate in the polar regions of the Sun a few years before the solar minimum of each solar cycle. These are related to the observed sunspot numbers during the next solar maximum. A direct measure of the strength of the poloidal fields will be possible during the next passage of the Ulysses space probe over the solar poles in

2007-2008.

**DX Operations** 

Most of the listings in this column came from OZ6OM's DX News and SMIRK.

**Burkina Faso, XT2:** An international team of experienced operators plans 160-6m operation from Ougadougou from January 6 to January 20.

Namibia, V51/DJ4SO: Klaus will spend three weeks at the Hohewarte Guestfarm in Namibia. While there, he plans to operate 160-6m between November 11 and December 1.

Guinea, 3XM6JR, 3XD2Z: Serge and Alex will again be active on 160-6m from Boke, Guinea "for the next few years."

**Dem. Rep. of Congo, 9Q1D:** Gus is now active for evening TEP with 100W into a 4 el beam.

Malawi, 7Q7HB: Harry, G0JMU, plans HF operation with possible 160 & 6m between now and mid-January.

**Libya, 5A7A:** An international team plans 160-2m activity here between November 14-28. For updates see their web page at http://5a7a.gmxhome.de.

Falkonera Is., Greece, SX8F: SV1EEX, SV1GRM, and SV1HER, plan 160-6m+ operation from EU-113 and lighthouse ARLHS GRE-012) on November 15-19.

Iceland, TF/IW5DCE: Fabio, IW5DCE, will be on HF-6m over the next six months,

Canada, VY0ICE: Steve, VE2TKH, is active on 80-6m from Iqauluit, Baffin Is (NA-047) until May 30, 2007.

Saint Martin, FS/ON4QX, PJ7/ON4QX: Herman is planning operate here the second week in November, with EME operation on 6+2 or just 6m+HF.

Netherlands Antilles, PJ4/K0NR: will be active on 30-6m and FM OSCAR satellites from Bonaire, FK52, (IOTA SA-006) until November 9.

### **Beacon News**

Germany, DF0ANN: G4UPS notes this new beacon (in late September) was operating on 50.083 from JN59PL with constant carrier interrupted with ID at intervals of 1 minute. Germany, DB0DUB: DL7AJA notes this new beacon from JO31HF also on 50.083.

Faero Islands, OY6SMC: OZ1DJJ notes that beacon, on 50.035 back on the air in early October.

California, K6FV: 50.069 MHz antenna switched from SW to NE in late October for winter Es season.

### **October 2006 DX Reports**

The following reports of 50 MHz DX propagation are courtesy of JA1VOK, W5UWB, K6QXY, G4UPS, VE7SKA, YO7VS, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

Listings obtained from the OH2AQ reflector include distances in kilometers. These are determined preferentially from the grids in the post, and otherwise from one or both of the prefixes of the calls. Note that the latter results in VERY rough approximations to the distances, especially for large countries and call areas.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 2006. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, D=Telemetry Data, J=Digital, typically JT6M or JT65A for EME, R=RTTY, S=SSB, W=mode not mentioned (or both CW & SSB), H=heard only. BSc = backscatter.

R	ер	orts of	Afric	ca
ASCEN 10082127 10092105 10102025 10102225 10122223 10132127 10152018 10152151 10162044 10162144 10162241 10192301 10232217 10272244	ZD8VHE ZD8VHE ZD8VHE ZD8VHE ZD8VHE ZD8VHE ZD8VHE ZD8VHE ZD8VHE ZD8VHE ZD8VHE ZD8VHE ZD8VHE ZD8VHE ZD8VHE	\$559 \times \tim	50.033 50.033 39.033 39.033 50.033 50.032 50.032 4 5410 50.032 7 5958 50.039 9 50.039	B G8BCG/ B G8BCG B CT1HZE B FM5JC B FM5JC B G8BCG/ B G8BCG/ B G8BCG/ B EA7KW B I2ADN B E13DX B FJ5DX B FJ5DX B FM5JC B FM5JC B FM5JC
CANAI 10231909			50.170	EA3FRM
	D44BS	DE IS. 59>IM59 2990 STRONG 3289	50.110 50.110	CT1FFU EA7RU
101.51.248 101.51.250 101.61.228 101.71.949 101.71.955 101.71.955 101.71.955 101.71.955 101.72.002 101.72.002 101.72.001 101.72.001 102.11.023 102.11.039 102.31.140 102.31.140 102.71.214 102.71.219 102.71.219 102.71.219	EA91B EA91B	IM85NG>JN38 1 IM85NG>JO50 2 2297 1440 59>JO30BU 187 57>JO21IP 191 IM85NG>JN49 1 52>JO71 2298 1869	50.110 1 1543 2 497 50.115 50.115 50.115 1NI 1958 4WR 1391 2XW 2083 50.115 0 1870 1978 670 1978 650.115 50.115 50.115 50.115 50.115 50.115 50.115 50.115 50.115 50.115 50.115 50.115 50.115 50.115 50.115 50.115 50.115 50.115	GOCHE E1310 H GOCHE IKOXIH IKOXIH IXOXIH IZIBIN I5KG PA2V DH6JL IZ1EEM MWORHD DB2KA GW8ASD H DH0GHU DL4ALI DG0CAI DC17JAN H DH2UAK E1310 DL6SBM HB9SLO DJ0SS H DJ0SS H DJ2NO

GABON					
10151559	TROA 529	9 4378	50.049	B	EA7KW
100011110	TOA FOR	5 6777	EA AAA	73	CARTER

GAMBIA	
10252347 C52T 4740	50.111 FM5JC
10271415 C52T 429 3469	50.103 B EA6SX

ITALY	(LAMP	EDUSA IS.)	
10011226	IG9/I2ADN	ES 2228 50.135	OZ2LD
10011255	IG9/I2ADN	59 JM65HL>JO71 1791	DH2UAK
10021221	IG9/I2ADN	IM65HL>JN38 1866	DHOGHU
10151121	IG9/IZADN	59 JM65>JO40 1698	DJ8OG
10151614	IG9/I2ADN	BSc 1712 50.110	EA7KW
			HA8AR
			SP 9UOP

10151121	1G9/12ADN	59 JM65>JO4	10 1698	DUROG
10151614	IG9/I2ADN	BSc 1712	50.110	EA7KW
10161051	IG9/I2ADN	59 JM65HL 1	1429	HA8AR
10161151	IG9/I2ADN	59>J090 173	36 .155	SP 9UOP
10171745	IG9/I2ADN	1221	50.110	IZADN
10211029		51 JM65>JOS	0 1641 S	DLINUX
10211043	IG9/I2ADN	59>JO73DB 1	1955	DG1BHA
10211154	IG9/I2ADN		50.140	OM7PY
10220837	IG9/I2ADN	CQ 2007	50.177	DHZUAK
		59>JO31 183		DJ6XV
10221010		JM65HL 1431		HASPT
		6>J071 169		DH2UAK
10221023	IH9YMC JM5	6XT>JN98 13	93 120	HAGNN
	IG9/I2ADN	2007	50.189	DF2OU
10221130		JM65>JO31 2		DH6JL
10221203		ANGELO 235		GW3MFY
10221206		ANGELO >JOS		SP 6MLK
10221207		>JM65HL 20		DG1BHA
10221219	IG9/I2ADN			DL5XJ
10221223	IG9/IZADN	JO21>JM65		ON7NO
10221235	IG9/I2ADN			DM2HB
10221240		JM65HL 200		DG8FBV
10221246		VY LOUD 1		SP5SS
10221253		1992		PC5A
10221233		2007		DH7SA
TACETOOA	TOSTITEMEN	2001	00.100	DIT. DU

MORO	CCC		
09251148	CN8MC	559 <1210 >IO80JV B	G4UPS
10021736	CN8MC	549>1080 1675 50.026 B	G4IG0
		59 1675 50.120	
		42-56 IO80 1675 .120	
10021747	CN8IG	IM75>IO71 1795 50.120	GW6TE
		529 1675 50.027 B	
		529 1792 50.027 B	
10151528	CN8MC	539 QSB 1675 50.027 B	GOCHE
10151542	CNSIG	59 IM75>1090 1698	GOCHI

10151156	CN8MC	529 1675	50.027	B	GOCHE
10151200	CN8MC	529 1792	50.027	B	G4PCI
10151528	CN8MC	539 QSB 1675	50.027	B	GOCHE
10151542	CNSIG	59 IM75>1090	1698		GOCHE
10171714	CN8MC	549 IO80 1675	50.026	B	G4IGO
10171738	CNSIG	58 1675	50.140	H	G7KHF
10171740	CN8IG	IM75>1082 189	6 50.140	W	GOGMS
10171741	CNSIG	57-59 IM75>JN	35 1501		IKIPAG
10171800	CN8MC	589 1792	50.027	В	G4PCI
10172003	CNSTG	S.TN55 1745	50 135		TRESTE

10172009			50.135		IKOXIH
10172011	CN8IG	51>JN37 1662	50.135		HB9HLI
10172011	CN8IG	BOUKER 2047	50.135		PA2V
10172016	CNSIG	59	50.135	W	PE1BTX
10271323			50.125		
10271324	CN8MC	IM27>J031NI	2357 .027	B	DH6JL

ST HELENA IS								
10081941	ZD7VC	559>JM65 IG9 597 .007	В	I2ADN/				
10082103	ZD7VC	599>EA8/G8BCG IL39	B	G8BCG				
10092105	ZD7VC	>599>IL39 5076 50.007	В	G8BCG				
10102055	ZD7VC	529 5885 50.007	B	CTIHZE				
10132059	2D7VC	559>EA8 IL39 5076 007	В	G8BCG/				
10132141	ZD7VC	55/55 EA8/G8BCG .110		G8BCG/				
10151604	ZD7VC	579 5877 50.006	В	EA7KW				
10151606	ZD7VC	599>IO80 7340 50.006	B	G4IGO				
10151607	ZD7VC	579>JM75GU 6048 .007	B	9H1YZ				
10151609	ZD7VC	7621 50.006	В	PA2V				
10151615	ZD7VC	559 5896 50.006	В	CT1FFU				
10151619	ZD7VC	599>1080 7340 50.006	B	G4IGO				
10151623	ZD7VC	588 JN01PD 6331 .006	В	EASDME				
10151624	ZD7VC	519 OSB 7452 50.007	В	G4PCI				
10151626	ZD7VC	539 OSB 7340 50.007	В	GOCHE				
10151628	ZD7VC	519>JN18 7159 50.007	B	F5HRY				
10151632	ZD7VC	579 5806 50.007	В	EA7DUD				
	ZD7VC	>1091 7458 50.007	В	G3WOS				
10151635			В					
10151640	ZD7VC	579>IO81FL 7447 .067		GW3MFY				
10152018	ZD7VC	559>IL39 5076 50.007	В	G8BCG				
10162024	ZD7VC	>599>IL39 5076 50.007	В	G8BCG				
10162120	ZD7VC	>559>IL39 5076 50.007	B	G8BCG				
10162124	ZD7VC	419 IH74>JM65 5978		I2ADN				
10171744	ZD7VC	589 IH74>JM65 5978	В	IZADN				
10171745	ZD7VC	419 5885 50.007	В	CTIHZE				
10171756	ZD7VC	57>JM65 5978 50.115		IZADN				
10171810	ZD7VC	55 5885 50.115		CTIHZE				
10171810	ZD7VC	FB>JN45UI 6927 50.115		IK2CHZ				
10171812	ZD7VC	IH74>JO20 7402 50.007	B	ON4KST				
10171813	ZD7VC	6445 50.115		CU3EQ				
10171813	ZD7VC	579 5885 50.007	В	CT1HZE				
10171818	ZD7VC	57 6225 50.115		EA7RU				
10171819	ZD7VC	7340 50.115	W	GOCHE				
10171820	ZD7VC	6888 50.115	W	IZKBD				
10171822	ZD7VC	58 BRUCE 7340 50.115		G7KHF				
10171825	ZD7VC	559 7452 50.007	B	G4PCI				
10171828	ZD7VC	599 6445 50.006	В	CU3EQ				
10171829	ZD7VC	57 IH74>JN58 7289 115		DK1MAX				
10171830	ZD7VC	539>JN53 6758 50.007	B	IK5MEN				
10171830	ZD7VC	579 IH74>JN58 7289	B	DK1MAX				
10171833	ZD7VC	529>JO23 7730 50.007	B	PE1M				
10171833	ZD7VC	539 6888 50.007	B	IZKBD				
10171834	ZD7VC	599>1081 7451 50.065	В	GW3MFY				
10171838	ZD7VC	559>1081 7451 50.065	В	GW8ASA				
10171840	ZD7VC	WEAK 8035 50.007	В	OZ1P				
10171855	ZD7VC	539 1080 7340 50.006	В	G4IGO				
10171903	ZD7VC	539>IM77AG 5867 .007	В	EB7COL				
10171938	ZD7VC	519 7621 50.007	B	PA2V				

### SAO TOME

DIA I	CLIAN	•					
10131407	S9SIX	539	4420		50.079	В	EH5EF
10151556	S9SIX	539	4310		50.079	B	EA7KW
10151643	S9SIX	539>	IM99	4420	50.079	В	EH5EF

### ZAIRE

10032012	9Q1D	57 JI75PQ	50.105	S	HA1YA
10032015	9Q1D	4558	50.105	W	IT9TJF
10032027	9Q1D	6015	50.105	W	OK2ZW
10032045	9Q1D	559 JO45 6693	50.105		OZ3K
10051936	9Q1D	579 JI75PQ 4696	50.110		5B4FL

## Reports of Asia(MidEast)

### **CYPRUS**

10131650	5B8AD	559	>KM17TX	958	50.110	SVISB
10230914	5B4FL	NIC	K LARNA	CA 17	09 132	HASCE
10230933	5B4FL		2040		50.120	OM7PY
10230933	5B4FL	59	1865		50.120	HAGNL
10230934	5B4FL	59 1	KM64>JN9	97 18	49 120	HA5PT
10230939	5B4FL		1672		50.119	HA8BE
10231014	5B4FL	59 1	KM64>JNS	86 18	46 121	HA3HV
10231019	5B4AHY	KM	64GS>JN8	6UK	1796	<b>HA3HV</b>

### ISPARI

DIVAL				
10150951	4X1UN 579	1959	50.090	HA8AR
10150959	4X1UN 599	KM72JB>JN8	6UK 2162	HA3HV
10151005	4X4SIX 559	KM71>JN86	2224 B	HA3HV
10151028	4X1UN		50.230	SP 9HWY

### PALESTINE

0201343		2407	50.230	RA9SC

### TURKEY

10231126	TAZZAF	59 1299	50.110	OM7PY
10231130	TA2ZAF	59 KM69>JO71	1926	DH2UAK
10231136	TAZZAF	1976	50.120	DK3WG
10231147	TA2ZAF	599 1663	50.090	DL9USA
10231207	TA2ZAF	449 1299	50.090	OM3FQ
10231230	TAZZAF	S9 KM69>JO92	1798	SP3RNZ
10231241	TA2ZAF	KM69 1639	50.090	SP2B

### Reports of Asia(FarEast)

CHINA				
10220508	BD4SI	2478	50.190	JE2OTM
10220523	BD4SI	2478	50.185	JM1MQE
HONG	KON	G		
10210600	VR2SIX	>PM53	50.075 E	3 JAGTEW

JAPAN				
10220417	JE1CUS	7785	50.110	VK5GX
10220509	JA5FFJ	CQ >QF02WH	50.105	VK3SIX

# MALAYSIA, WEST 10150738 9M21DJ CW 5273 10150757 9M21DJ SSB 5273 10150808 9M21DJ SSB 5273 10150821 9M21DJ SSB 5273

# RUSSIAN FEDERATION 10220518 UAO TV >QF02WH MANY 49.750+- VK3SIX

# TAIWAN 10250446 BY-TV WEAK Sc>QF12AG 49.750 V VK3SIX

### **Reports of Europe**

EUROPE	GENERAL	
09251100 EUR	INBAND TV >1080JV	I G4UPS

### AT AND TO

ALAN	U ID.				
10121732	OHOJFP	KPOOAB	656 50.190		SM1TDE
10121738	OHOJFP	559 KPC	OAB>JN65 .190	C	S57RR
10121839	OHOA 5	39 1561	50.140	H	S57RR
10121840	OHOA 5:	39	50.140	H	GM4FAM

### ATICTOTA

AUSII	MA				
09291956	OE5MPL	JN78CJ>JO481	KM 1178		LASNK
09300814	OE5XBL	TR J071 621	50.150	H	DH2UAK
10211016	OE5MPL	JN78CJ>JN98V	/C 414		HAGNN
10220933	OE2UKL	624	50.155		DFOBV
10221032	OE3XLB	1534	50.058	В	OH6CT
10221118	OE1AZS	JN88DE>IM87	1961 150		EA7FZS
10231024	OE1AZS	CQ 1051	50.150		SVIGYG

AZUK	ES		
10150008	CU4AP 55 HM68 50.115		CU3EQ
10151318	CU3EQ 55 HM68KP>JN52LR 321	4	IK5RLP
10151319	CU3EQ 57/5 HM68KP 3182 .171	S	DL2NO
10151321	CU3EQ 57 2304 50.110		GOCHE
10151322	CU3URA 559 HM68QM>JO43KM 31	59	DL2NO
10151330	CU3EQ 55 JO31 3316 50.171	W	DL6BR
10151516	CU3EQ 2569 50.110	W	EB1EDT
10151524	CU3URA 599 ES 1752 50.110	B	CTIFFU
10151631	CU3URA 599 ES 1752 50.013	B	CT1FFU
10171659	CU3URA 559 1592 50.013	В	CT1HZE
10202127	CU3URA 579 Es 1752 50.013	B	CT1FFU
10271236	CU3URA 599 1592 50.013	В	CT1HZE
10271246	CU2AF 59 1592 50.110		CT1HZE
10271252	CU2AF 3112 50.110	H	ISOGQX

### BALEARIC IS.

10211140	EA6/MODLL	JN20 1272 5	0.115		GOCAM
10211153	EA6/MODLL	>JN20 1272 5	0.120		M5BFL
10211157	EA6/MODLL	1399 5	0.120		HA5BSW
10211158	EA6/MODIL	JN20>J001 12	60		GBRZA
10211202	EA6/MODLL	59>JN87JJ 13	04		HA1FV
10211218	EA6/MODLL	JN20BA 1290	.120		GSWZT
10211238	EA6/MODLL	>1083LB 1548	.120		GW8ASD
10211311	EA6/MODLL	1934 5	0.130		MMOAMW
10211326	EA6/MODLL	58>JN99 1566	.130		OK2GM
10211327	EA6/MODLL	53>JO73DB 16	41		DG1BHA
10211340	EA6/MODLL	JN20BA>J080II	K 151	W	SP 6MLK
10211346	EA6/MODLL	58 JN20>JN67	1006		DL3LFA
10211407	EA6BH JM19	JL>JN99 1694	.132		OK2GM
10211527	EA6/MODLL	59 JN20>JO71	1443		DH2UAK
10231105	EA6/MODLL	55 JN20>JO32	1342		DG9YIH
10231114		59 DAVE 1620		S	DL8PM
10231125	EA6/MODLL	JN20 DAVE 12	62	W	PE2PE

### BELGIUM

09300854	ON7YK		50.230	J	GOGMS
10010849	ONIDNE	CQ 1109	50.155	H	F6FHP
10010909	ONSPU	1779	50.160	-	PEIMES
10010916	ONIDNE	55 >JO21 167	50.155		PEIMZS
10010917	ONIDNE	JO20NU>JN19FH	50.155	W	FIDLZ
10010920	ON7YK	JO20XL>JN19FH	50.145	W	FIDLZ
10010925	ON5PU	JO21LH>JN19FH	50.160	W	FIDLZ
10010929	ON3SM	JO10RO>JN19FH	50.150	W	FIDLZ
10070718	ON 6AB	JT6M JN34TP 165	58 .230	J	IKIHXN
10071412	ON6AB	JO21EC>JO90NH	1040		SP9HWY
10122108	ON3DB	JT6M 2508	50.235		LA4LN
10151351	ON3DB	JT6M IN73DM	50.230		EB1BMO
10171955	ON3DB	>IN80 1419	50.115		EA4EOZ
10211404	ON6AB	JO21EC>JN98VC	1157		HAGNN
10211411	ON 6AB	>IN73			
10212253	ON 6AB	JO21EC>			

### **BOSNIA-HERZEGOVINA**

10221501	T99C	JT6M 99	9	50.230	J	HB9QQ
10221503	T99C	BOOMING 1	658	50.230		ON GAB
10221513	T99C	JT6M 139	8	50.230		PE2PE
10221540	T99C	599 JN93>	JO22 1	395 097		PA2JWN
10221540	T99C	JN93 1256	,	50.098		DFOBV
10221544	T99C	JN93>JO32	1337	50.097		DG9YIH
10261637	T99C	JT6M IONO	1635	50.230	J	GU8FBO

### RIII GARIA

DULGI					
					IZIERW
		559 1312			
		599 KN32DR>JN58	1347	B	DL5MAE
10011231	LZISJ	1600	50.051	B	DFOBV
		Es>JN35 1474			
		JN22>JN47 638			
		CQ 2302			
10211117	LZ1QI	KN12PR>JN38 141	6 .110		DHOGHU
10211134	LZ12P	GUD SIGS GEORGE	.096		DL6SRD

CAPRI						
10011120		JN70CN>J	DBOIK			SP6MLK SP9DSD
10011131		JN70CN			.65 V	
CRETI						
10221224	SV9CVY	59 KM25× 59 KM25K	JO52 2	2188	304	DJ6YX DH6JL
10221237	SV9CVY	55>JO55	2458	50.1	70	OZIBNN
10221237	SV9CVY	59 2466		50.1	70	OZ2LD
10221243	SV9CVY	KM25KA 2	323	50.1	.70	DM2HB
10221246	SV9CVY	CRETE IS	2279			DG8FBV
10221259	SV9CVY	59 2445	2458	50.1	70	OZ1BNN
10221305	SV9CVY	58 MIKE 57>KM18V	A 37	7 .1	75	SVIOH
10231033	SV9CVY	59 JT6M	2279	50.2	230	
10231115	SV9CVY	27/26 KM	25KA>0	JN98	1574	HAGNN
CROA'	TTA					
10040923		W 1843		50.1	10	5B4FL
10211136	9A2AA B	s 1192		50.1	30 V	V PE2PE
		N85 988		50.1	.30	DF1GL
10211210	9A6R JN	183NM 831	000	50.3	.67	IK2MLS
10220817	9A4HK	N75>J021 N83FM>J0	992 71EN 9	30.1	196	PA3GDY DL9USA
10261117		535 1665	, , , ,			B EB1EHO
CAECI	TDEE	TIDI IC	4			
10140659		UBLIC	•	50.1	00	OM5KM
10171630				50.1		OM5KM
10211101				50.1		OE1SOW
10211131	OKIAD 7	09		50.1	02 V	V DL4ALI
DENM	ADK					
09261805		JO92 942		50.2	30	SP3RNZ
09261936	OZ50MHZ	CQ JT6M	MS 96	64 . 2		G4PCI
		1047VA>JO				LASNK
09301611		1047VA>JO				SP9HWY
		J065AN>J				LASNK
		5>J062 3			.35	DC7TS
10011243	OZZLD N	4S>JN58 7	78	50.1	.36	DFOBV
		T6M W/F1				F5RRS
		HORT PIN				DL8PM
10021507		047VA>IO	BINO 1	50.2	30	GW3ORL G4IGO
		1047VA>JN				HAGNN
10051756	OZ 6PI	O47VA>JN	98VC 1	1197		HAGNN
10061537	OZ 6PI	1047VA>JO	21EC			ON6AB
		JT6M MAR		50.2 1197	30 3	IK1HXN HA6NN
		6M MS 10		50.2	30	GOCHE

# DENMARK 09261805 OZ6PI JO92 942 50.230 SP3RNZ 09261936 OZ50MHZ CQ JT6M MS 964 230 G4PCI 09291753 OZ6PI JO47VA>JO48KM 175 LA8NK 09301910 OZ1PIF JO65AN>JO90NH 751 JSP3RNZ 09301910 OZ1PIF JO65AN>JO90NH 751 JSP9HWY 10011149 OZ6PI JO47VA>JO48KM 175 LA8NK 10011241 OZ2LD 55>JO62 358 50.135 DC7TS 10011243 OZ2LD MS>JNS8 778 50.136 DF0BV 10011243 OZ2PI JSFONTS 178 50.136 DF0BV 10011243 OZ2PI JSFONTS 178G 398 230 D0021507 OZ6PI JO47VA>JO81NO 1016 GM3ORL 10031917 OZ6PI MS 1107 50.230 G01CD G41CO 10041802 OZ6PI JO47VA>JO98VC 1197 HA6NN HA6NN 10070805 OZ6PI JO47VA>JON98VC 1197 HA6NN HA6NN 10070805 OZ6PI JO47VA>JO505 G4PCI G4PCI 10110546 OZ71GY JO57SJO55 517 O.21 B

**DODECANES IS**10220925 SV5SIX 599 KM46 2346 50.017 B DF0BV
10231108 SV5SIX QSB KM46CF 1320 .016 B HA8CE

### ENCI AND

LINETLA	AND			
09020905	GB3BAA 559, GB3BUX 449>1080	В	G4UPS	
09020905	GB3MCB 559 >1080JV	В	G4UPS	
09130700	GB3BAA, GB3BUX 569 > IO80JV	B	G4UPS	
09130700	GB3MCB 559 > IO80JV	B	G4UPS	
09261722	GX7VHF J001>JP50 1125 .135		LA4LN	
09281945	G4DEZ J003AE>J048KM 808 230	J	LASNK	
09281945	G4IGO 1172 50.230		LASNK	
09291006	G4IGO 1172 50.230 G0GMS CQ JT6M 1149 50.230		OZ1PIF	
09291011	G4DEZ J003AE>J065AN 819 230		OZ1PIF	
09301021	G4DEZ JOO3AE>JN98VC 1496		HA6NN	
09301102	GOCHE 10 50.230 G4DEZ JOO3AE>JN98VC 1496		HA2RD	
09301131	G4DEZ JOO3AE>JN98VC 1496			
09301200	G4DEZ 55 J003AE>JN78CJ 1126		OE5MPL	
09301513	G4IGO JT6M 1012 50.230	H		
10010642	G10AR I082SQ>J047XA 927 230		OZOJD	
10010730	G10AR I082SQ>J048KM 960 230		LASNK	
10011156	GOCHE 59 KEV 1737 50.150			
10011239	G4DEZ JOO3AE>JN98VC 1496		HA6NN	
10011621	G10AR I082SQ>JN98VC 1649		HAGNN	
10021637	GB3BAA 579>IM57NH 1730 .016			
10021639	GB3MCB 559 1498 50.042	В		
10021658	GAUPS 559 1538 50.110		CT1HZE	
10021715	G4DEZ 599>IM57NH 1894 .177		CT1HZE	
10021741	G4DEZ JOO3AE>JN98VC 1496			
10021800	G4DEZ JO03AE>J021EC 375		ON 6AB	
10030751	G4DEZ JO03AE>J065HP 857		OZ1DJJ	
10031128	GB3MCB 559 1498 50.042	В		
10031546	G4DEZ 519>JN37VP 824 50.154		DK3SE	
10041134		J		
10070732	GOGMS CQ 1172 50.230		LASNK	
10070801	GOCHE 10 1090PS>JN98 50.230		HAGNN	
10070947			IW4ARD	
10072009	G4IGO CQ 1172 50.230		LASNK	

10080742	GlOAR I082SQ>J048KM 960 230	LASNK
10080814	GOCHE JT6M MS 1086 50.230	OZ1P
10080816	G4PCI JT6M MS 964 50.230	OZ1P
10080825	GOGMS JT6M MS 1086 50.230	OZ1P
10080830	G4PCI IO91AL>J048KM 1041	LASNK
10080831	G4PCI IO91AL>J047XA 986 230	OZOJD
10080954	GOCHE JT6M TR 596 50.230	PA2V
10111923	G10AR I0825Q>J048KM 960 230	LA8NK
10121953	G4PCI JT6M IO91AL>JP50JA 1235	LA4LN
10122042	GX7VHF J001>IM87 1587 .228	EA7HG
10122048	GOGMS JT6M 1366 50.235 J	LA4LN
	GROUP TRON 1200 - 50 000 F	
10131443	GOCHE JT6M MS 1122 50.228 J	EA7HG
10150935	G4DEZ J003AE>J031NI 522	DH6JL
10151002		
	G4DEZ 51/5 J003AE>J031IK 492	DLIEAP
10151058	GOCHE JT6M 1567 50.230	ISOGQX
	CACHE THEN 1172 EN 230 T	
10151129	GOGMS JT6M 1172 50.230 J	LASNK
10151232	GOCHE JT6M 1567 50.230 J GOGMS JT6M 1172 50.230 J GOGMS 59 1122 50.145 GB3MCB 44 2178 50.042 B	EA7AHA
10151236	GB3MCB 44 2178 50.042 B	CU3EQ
	GD3MCD 44 21/6 30.042 B	
10151257	GB3BAA 579 IO91PS>IM57NH 1730	CT1HZE
10151258	GB3MCB 599 1498 50.042 B	CTIHZE
10151302	G3OHH IO83>IM58 1720 .089	CTIDRB
10160938	GB3MCB 589 IO70>JN72 1709 B	I6BQI
10161028	GB3MCB 539 IO70>JN54 1370 B	IW4BET
10161133	GB3BAA 559 IO91PS 2184 .016 B	LZ1ZP
10161143	G8VYK JT6M ES 1479 50.230	CT1FFU
10161144		CT1FFU
10161557	G8VYK JT6M ES 1562 50.230 W	SP9HWY
10171709	GB3BAA 599>IM57NH 1730 .016 B	CTIHZE
10171714	GB3MCB 559 1498 50.042 B	CTIHZE
10171743	GB3BAA 559 IM97 EA5 213 016 B	GOKOM/
10171849	GB3MCB 599>IM77AG 1472 .042 B	EB7COL
10171944		GOKOM/
10190822	G4DEZ JO03AE>JN98VC 1496	HAGNN
10190826	G4DEZ J003AE>J065HP 857	OZ1DJJ
10202026	G10AR I082SQ>J048KM 960	LASNK
10210741	G4DEZ J003AE>J065HP 857 230	OZ1DJJ
10210947	GB3BAA 599>JN11AK 1167 .016 B	EASAKY
10211006	G10AR I082SQ>JN98VC 1649	HAGNN
10211023		GOKOM/
10211040	GB3BAA WEAK>JM65 2110 .016 B	I2ADN
10211051	GB3BAA 579 IO91PS 2184 .016 B	LZ1ZP
	CDCDIE 519 109110 2101 1010 D	
10211052	GB2HNS IO92>IM97 1667 .140	GOKOM
10211102	GB3MCB Es>JN35 1049 50.042 B	IKIEGC
10211107	CD3MCD E40 1403 E0 043 B	LAGPV
	GB3MCB 549 1492 50.042 B G4DEZ CQ 1460 50.160	
10211125	G4DEZ CQ 1460 50.160	EA1AHO
10211129	G4DEZ CQ >IM97 EA5 364 .160	GOKOM/
10211137	GB2HNS IO92HO>JN11BN 1255	
		EA3AVV
10211155	MOMJH JO02 1409 50.155	EA1AHO
10211239	GB3BAA 559>JN70CN 1688 .015 B	IC8FAX
10211254	GB2HNS 57>JN530Q 1311 .153	IZ5EKV
10211256	2E0KBJ 53 IO93WV>JN70CN 170 H	IC8FAX
10211259	GB2HNS 55 IO92>JN61 1613	IWOBET
	GDZIIKO 00 1092/0801 1013	
10211301	GBZHNS JIM 927 50.153	IK4HAL
10211307	GB2HNS JIM 927 50.153 GB3BAA 579 Es 1661 50.016 B	CT1FFU
	SPORBI ED CABIANTOOS 1033	
10211309	2E0KBJ 59 STEVE>1093 1837	CT1FFU
10211314	2EOKBJ Es 1737 50.170 H	I8MPO
10211315	2E0KBJ 59 LOC>1093WV 1059	IZ8EPT
	2E0KBJ 56 927 50.170	
10211321	2E0KBJ 56 927 50.170	IWENSP
10211403	GB2HNS 2117 50.153	IT9KSS
10211426	G8HAK 2117 50.155	IT9KSS
10212140		LASNK
10212210	GOGMS FAST MS 1479 50.230 J	CTIFFU

### **ESTONIA**

10220948 ESTFQ 1083 KO28QI>1083LB 1858 GW8ASD 10221312 ESOSIX 599 KO18>JO31 1282 DH6JL 10221357 ES2RJ 2590 50.100 H ON7NQ

### **FAROE ISLANDS**

10031513	OY6SMC	519 MS 1347 50.	035 B	OZ 1DJJ
10132128	OY6BEC	AURORA 1448 50.	035 B	DJ8FR
10132138	OY6BEC	KP24WV 1585 50.	035	OH6CT
10132147	OY6BEC	54A 971 50.	035	LASNK
10132223	OY 6BEC	53A 1295 50.	035 B	OZ 1BNN
10132228	OY6BEC	55A>JO58AX 1001 .	035 B	LA8HGA
10141956	OY6BEC	599 1694 50.	035 B	OH1LEU
10180827	OY6BEC	559 IONO/MS 1284	035 B	OZ1P
10211032	OY6BEC	599 IP62>JO21 139	4 B	PA2M
10211725	OY6BEC	53A>JO58AX 1001 .	035 B	LA8HGA
10221135	OY6SMC	579>JO62 1619 50.	035	DL7HG
10230937	OY6BEC	579 IP62>JO55 128	4	OZ4LP
10231248	OY6BEC	599 IP62>JO71 179	1	DH2UAK
10291739	OY6BEC	579>JO55 1295 50.	035 B	OZ1BNN

### FINLAND

<b>FINLA</b>	ND			
09281827	OH7TE JT6M 937 50.2	30 3	7	OZ1PIF
09281841	OH7TE KP20IE>JN98 1349 .2	230		HAGNN
09281905	OH7TE A FEW LONG BURSTS 2	30 3	Ţ	G4DEZ
09292136	OH7TE CQ 933 50.2	30		LA8NK
10010747	OH8HTG CQ 933 50.2	30		LA8NK
10010811	OH6MIK JT6M 933 50.2	30 3	Ţ	LA8NK
10011233	OH7TE JT6M 2120 50.2	30		F5RRS
10011927	OH8HTG CQ 933 50.2	30		LASNK
10021835	OH8MGK CQ 933 50.2	30		LA8NK
10021949	OH8HTG CQ 933 50.2			LA8NK
10042117				LASNK
10061723	OH7TE CQ 933 50.2	230		LA8NK
10061808	OH6MIK JT6M 933 50.2	30 0	J	LA8NK
10071943	OH8MGK JT6M 933 50.2	30 0	Ţ	LA8NK
10082204				SP9HWY
10121707	OH1F 827 50.1	40		SM3PZG
10121844	OH3BHL KP10RR 843 50.1	35		SM1TDE
10121844	OH8HTG JT6M 933 50.2	33 3		LASNK
10121856	OH2LE JT6M 933 50.2	30 0	Ţ	LASNK
10121914	OH2LE JT6M MS 1190 50.2	30 3	Ţ	SP 9HWY
10141013	OH7TE CQ 933 50.2 OH8MGK CQ 933 50.2 OH8MGK 933 50.2	30		LA8NK
10151955	OH8MGK CQ 933 50.2	230		LA8NK
10152023	OH8MGK 933 50.2		Ţ	LA8NK
10180832	OUBSIV SIS TONOLUS TAGE (	67 E	3	OZ1P
10201449	OH8HTG 933 50.2 OH7TE CQ 933 50.2	33 3	J	LA8NK
10201956	OH7TE CQ 933 50.2	30		LASNK
10210507	OH9SIX 539 KP36OI>JO55PM			
10210651	OH8HTG JT6M 1190 50.2 OH8HTG CQ 933 50.2	233		SP 9HWY
10210659	OH8HTG CQ 933 50.2	33		LA8NK
10210739		230		OZIDJJ

	WD26571 705670 4464 -	
	KP360I>J056DG 1429 B	
	599 KP360I>J079SB 1002	
	599 KP360I>J058AX 1192	
	599 KP360I>J080IK 1866	
10221037 OH8HTG	KP34DI>JN98 1815 091	HAGNN

### FRANCE

T WAYNT A						
10010814	F6BEG	JN25JS	988	50.230	H	DG1BHA
10010850	F6BEG	769		50.230		ISOGOX
10010858	F6FHP	1109		50.155		ON1DNF
10010924	FIDLZ	52 TR		50.160		PEIMZS
10010925	F1DLZ	1561		50.160	W	ON5PU
10011827	F5UMP	CQ 1109	9	50.210		ON5LGS
10121627	F6GEX	JT6M TF	OPO	50.230	J	GOCHE
10121639	F6GEX	JT6M IC	NO IN89	QK .230	J	GU8FBC
10132154	F6GEX	JT6M 98	33	50.231		EA7HG
10151513	F5BYM	2738		50.110		CUSEQ
10151548	F8OP 1	LOUD 133	35	50.106		CTIFFU
10161223	F5BYM	59 IN94	KO>JN86	EH .120		9A8A
10171952	F8ZW S	5>IN80	854	50.110		EA4EOZ
10211103	F5VFO	CQ Es J	M99 113	9 .180		OK2GM
10211121						OK2GM
10211122	F5MAI	JN19>KM	122 1861	50.096		LZ1ZP
10211233	FIBUX	JN26>KN	122 1635	50.144		LZ1ZP

### GERMANY

GERM	ANY	
09251135	DF0ANN 589 JN59PL 50.083 B	G4UPS
09251143	DL6UHA 579/559 JO71HR>1080 C	G4UPS
09272205	DL8PM MS HANS 50.230 J DH2UAK 416 50.092	SP9HWY
09291557	DH2UAK 416 50.092	PA2V
10010947	DL1EJA 59-52 JO31>JN58 439	DL5MAE
10010948	DJ6XV , DL2DR JO31>JN58 439	DL5MAE
10021735	DL5MAE 599>KM17TX 2003 .110	SVISB
10030801	DK1MAX MS>IONO 260 50.097 C	OZ1DJJ
	DK1MAX CW 260 50.095 C	OZIDJJ
10120729		DK2EA
10121813	DH2UAK JO71>JO55 423 50.140	OZ8ZS
10122052	DL8PM J001>J030 434 50.230	G8PL
10131126	DL8PM JT6M TR 1012 50.230 J	GOCHE
10132131	DJ8FR 549 JO47 50.090	OZOJD
10132155		LASNK
10132202	DJ8FR 55A JO45>JO58 391 090	LA8HGA
10151101		GOGMS
10151117	DH6JL CALLING UK 354	DLOFC
10151124	DH6JL CALLING UK 354 DJ8OG 59 JO40>JM65 1698	I2ADN
	DH6JL >IG9/I2ADN 650 .160	I2ADN/
10151314	DL2NO JO43KM>HM68KP 3182 S	CUSEQ
10161331	DG1NOE JO63>IM87 2161 .140	EA7HG
10161332	DK5RO JO62>IM87 2078 50.140	EA7HG
10161335	DC7OH JO62>IM87 50.140	EA7HG
10161353	DJ4AS JO44>IM87 2098 50.140 DH6.II. 57>IM80 1435 50 145	EA7HG
10171938	DH6JL 650 50.145 DH2UAK 765 50.155	IK2HKN
10171945	DH2UAK 765 50.155	OM5KM
	DFOANN 539 2W ERP 2359 .083 B	
	DB0DUB J031 MS 591 50.083 B	
	DM2AUO 559>ATHENS 1833 .100	
	DL1NUX 559 JO50LE>JN11AK 1191	EASAKY
10211022	DK2EA 59 JO50>IN70 1687 146	EAlasc
	DB0DUB TR J031 159 50.083 B	
10211113	DK5A JO50IK 693 50.150	
10211131	DK5A 59 JO50IK>JN70CN 1130	IC8FAX
10211132	DL6SRD 579 JN48>KN22 1412 DH8IAT CQ JN49 465 50.157	LZ12P
10211159	DH81AT CQ JN49 465 50.157	DL7JAN
10211203	DH8IAT JN49 1483 50.157	
	DFOANN 549 2W ERP 2359 .083 B	
	DB0DUB 579 JO31 2010 50.083 B	
	DFOANN 559>IM59 2168 50.082 B	
	DFOANN 559,519@1529,539@1710	CTIHZE
10271709	DL8YE 559 JO31MH>IM57NH 1997	CTIHZE

### **GIBRALTAR**

10151619 ZB7VC 579 IH74 TEP 50.007 B EH5EF

### CREECE

GKEE	C.E.		
10010952	SV1SIX 559 KM17>JO50 1730	В	DK2EA
10011003	SV1DH 53 >JN45 1258 50.130		IW2CAM
10011007	SV1DH 50.131		DL5MAE
10011017	SV1DH 59 KM18>JO31 1907 130		DJ6XV
10011021	SV1SIX 599 KM17>JN67 1378	В	DL3LFA
10011028	SV1DH 59 KM18>JN67 1287 130		DL3LFA
10011033	SV1SIX >559 JO31 1810 .040	В	DL2DR
10011034	SV1SIX KM17>JN78 1404 .040	B	OE5MPL
10011043	SV1SB 559 KM17>JN58 1560		DL5MAE
10021036	SV1SIX 599 KM17>JN58 1560	В	DKIMAX
10021711	SV1SIX 559 KM17>JO50 1730	В	DL5ANS
10021722	SV1SIX 599 KM17>JN58 1560	В	DKIMAX
10021726	SVISIX 599>JN58 1370 .041	В	DL5MAE
10021735	SV1SB KM17 2003 50.110		DL5MAE
10021745	SV1SIX 599 1833 50.041	В	DL5MAE
10151138	SV1SIX S9 KM17>JN86 1126	B	9A4K
10161038	SV1SIX 559 KM17>JN54 1270	В	IW4BET
10161044	SV1DPI 1343 50.135		SP9CCD
10161152	SV1SIX 559>JN35 1391 50.040	В	IWLAZJ
10161212	SV2DCD TR 558 50.099		LZ1ZP
10161300	SV1DPI 599 KM08>JN35 1391		IWIAZJ
10161709	SV1SIX 529 KM17>JO71 1678	В	DH2UAK
10161718	SV2DCD 529 KN00>J071 1306	H	DHZUAK
10161720	SV1SIX 559 KM17>JO80 1522	В	SP 6MLK
10161723	SV1SIX 559 KM17>JN87 1211	В	HAIFV
10161731	SV2DCD 55 1391 50.140	H	IWIAZJ
10161821	SV1SIX 529 KM17>J071 1678	В	DH2UAK
10171433	SV1SIX 529 KM17>J071 1678	В	DH2UAK
10171507	SV1DPI 59 KM08>JO71 1519		DH2UAK
10210907	SV1SIX 579 JO62 1674 50.040	В	DM2AUO
10210910	SV1SIX 519>JO54 1931 50.040	B	OZ3ZW
10210912	SV1AVD 599 1833 50.099		DM2AUO
10210931	SV1SIX Es>JN35 1391 50.040	В	IKIEGC
10211222	SV2DCD 52>JN47 1394 50.180	H	DF1GL
10220850	SV8UM CQ 1833 50.110		DL5XJ
10220857	SV1UT KM17>JO71 1678 50.136		DHZUAK
10220907	SV1UT 59 2031 50.135		OZ2LD
10220925	Director total control and a control	В	OE 5 MPL
10220939	SV1UT 59 KM17UX 2003 .124		DFOBV

10230912 SVISIX 559>JN86 1085 50.040 B HA3HV 10230921 SVISIX KM17>J092 1696 .040 B SR3RNZ 10230949 SVIJG 1157 50.103 OM7PY 10231009 SVIJG KM18>JN86 982 50.103 HA3HV 10231018 SVISIX LOUD 1233 50.040 B OKIAD 10231011 SVIVS KM18>J092 1586 50.098 H SF3RNZ 10231045 SVIVS 59 KM18>JN87 1109 115 HA1FV 10231123 SVISIX 569 1833 50.040 B DK3WG	10011155 18MPO 55 JN70FPPJO90 1621 GOCHE 10011215 10JX JN61>1090 1500 50.005 B GRAU 10011216 1K5RLP CQ 1368 50.164 G3WBT 10011221 IWOBET 55 JN61>1090 1468 10011224 IWOBET JN61>1088 2188 .135 MMODQP 10011256 1K5RLP 59 1975 50.164 LAGFV 10011259 IWOBET 57/59 1688 50.138 LAGFV 10011259 IWOBET 57/59 1688 50.138 LAGFV 10011202 1K5RLP 55 JN52 441 50.165 H IWOBET 10021720 1K5ZUL 579 1474 50.020 B LZ1ZP 10021724 10JX 579 JN61HV 996 50.005 B LZ1ZP 10021735 1ZEEQF JMB9CH5JN38VN 50.150 DHOGHU 10021756 1W9GYB 59 722 50.168 H PEZPE 10031127 IW3FZQ 559 1601 50.001 B CT1HZE 100311646 1KZGSO 519 JN45NP>JN37VP 10041102 IK1HXN MS JO90NH 50.230 J SP9HWY	10221358 Z36A KN11>JN18 1747 50.165 F1CXX 10221358 Z38C KN11>JN18 1747 50.158 F1CXX
10220846 MU0GSY 59>JN86UK 1540 .130 HA3HV 10220955 MU0GSY IN89RL 1613 50.135 HA8CE 10271044 GU8FBO IN89QK>JO21EC 530 ON6AB	10070721 IKHENN MARIC 1658 50.230 J ONGAB 10070944 IWARD JT6M MS 1358 50.230 GOCHE 10071031 IK2DUV 50.150 HB9TZC 10081939 IWANOR GAETANO 50.234 SP9HWY 10121703 IWOHLE 599JN65 467 50.180 SF7RR 10121853 IWOBET 55 TR JN61>JN65 .153 SF7RR 101218901 IWOBET JN55>JN61 276 50.153 IK5MEN 10121902 IWOFFK 599 TR JN61>JN65 096 SF7RR 10151651 IQ3AZ CQ 779 50.101 SF8AL 101616149 ISMXX 5995KN00 919 50.008 B SVZDCD	MALTA  10161038 9HISIX 599 JM75FV 1321 .025 B HA8AR 10171545 9H1AW 529>K002 1948 50.110 10171554 9H1AW 559>KN06 1321 50.110 10221029 9H1SIX 559 JM75>J080 1666 B SF6MIK 10221305 9H1SIX 559 JM75>J080 1666 B SF6MIK 10221305 9H1SIX 579 JM75 1393 50.025 B HA8DL 10271036 9H1SIX VY WEAK 1321 50.025 B HA8DL 10271202 9H1SIX JM75 1393 50.025 B HB9QQ 10271355 9H1SIX 539 JM75>J050 1698 DK2EA
HUNGARY  09251120 HA4XG 599/599 JN96LV>IO80JV C G4UPS 09251120 HG1BVB 579 >IO80JV B G4UPS 09260849 HA3UU 945 50.110 W DL8PM 09301058 HA2RD J76M MS 50.230 J G0CHE 10011131 HG8BWB 579 KN06QQ>JN530Q 850 IZ5EKV 10032022 HA3UU JN96JO>JO48KM 1481 LA8NK 10070634 HG1BVB JN87FI>JN58 426 .007 B DKIMAX 10071029 HA3UU JN6M MS JAN 50.230 J G0CHE 10071033 HA3UU JN96JO>IO91AL 1599 G4PCI	10161246 I5TAT JN53>J071 938 50.113 DHZUAK 10161305 IKSRLP J071 1197 50.147 H DHZUAK 10161725 IW1AZJ 529 1391 50.105 SVZDCD 10171700 IQ4AD 559 1601 50.057 B CT1HZE 10171713 IOUX 559 1601 50.005 B CTHZE	NETHERLANDS 10151403 PA0DDB 2900 50.110 CU3EQ 10172021 PEIBTX 59>IM58 1986 50.129 CTIAOZ 10211211 GIOBPD 59 1556 50.155 EA7AHA 10211245 P1751X 559 JO22NC>JN70CN 1457 IC8FAX 10211248 PA3CJP 559 JO22PG>JN70CN 1467 IC8FAX
10071237 HG1BWB JN86VK>JO801K 451 10080814 HG1BWB 419 JN86VK>JO801K 451 1008014 HG1BWB 419 JN86VK>JO801K 451 1008114 HA2RD JM6M 1238 1008114 HA2RD 1814 10081738 HG1BWB 519 >JO801K 451 .007 B SP6MLK 10101456 HG1BWB 419 JN86VK 451 .007 B SP6MLK 10131237 HG1BWB 519 JN86VK>JN88 236 B OBLSOW 1013123 HG1BWB 419 JN86VK>JN88 236 B OBLSOW 1013123 HG1BWB 419>JO801K 451 .007 10140914 HA3UU JM6M JN96GJO>JO91AL 1599 G4PCI 10140121 HA3UU JM6M JN96GJO>JO201AL 1599 G4PCI 10141012 HA3UU JM6M 917 50.230 J IZKBD 10141012 HA3UU JM6M S1755 50.230 G4PCI 10141012 HA3UU JM6M S1755 50.230 G4PCI 10150044 HG1BWB 419 JN86VK>JO801K 451 10150048 HG7BWA 589 >KM72 1959 .030 B 4XIUN 10150959 HG1BWB 599 JN87FI 357 .007 B S5120 10151010 HA30 599 1959 50.090 C 4XIUN 10151016 HA3UU JN96JO>JN98WD 189 HA6NL	10171956 103X 539 1121 50.004 B EA4E0Z 10202115 121DBY MS JO90NH 50.230 J SP9HWY 10211112 18MPO 59 JN70FP>JO71 1207 DH2UAK 10211115 18MPO 59 JN70FP>JO71 1207 DH2UAK 10211115 18MPO 57>JO64SD 1544 50.150 DL1KUR 10211139 IWARZJ JN35 1121 50.150 EA1AHO 10211142 IWIAZJ 55 JN35>JN87 778 150 H HAIFV 10211214 IWOHLE CQ 791 50.167 PA3GDY 10211216 IOJX 529-579 ES 1194 50.005 B OZIDJJ 10211226 IZ6EXV JN72>JO21 1253 .148 PA3GDY 10211226 IZ6EXV JN72>JO201 1253 .148 PA3GDY 10211239 IWOBET ES JN61>JO50 .158 DKSA 10211351 ISMPO 55>JO10VX 1412 50.150 ON7ARQ 10211420 IOJX 599 1081AO 1052 50.005 B GW6TYO 10211444 INSZUL 579 927 50.004 B GOCHE 10211551 ISMPO JN70FP>IO91AL 1740 G4PCI 10211551 ISMPO JN70FP>IO91AL 1740 G4PCI 10211552 ISMPO 59>IO91 1689 50.150 M5BXB	09261726 LA4LN TOM 1366 50.135 G8PL 10010642 LA8SMA JP42GE>JO65HP 763 O21DJJ 10040755 LA7VH JT6M MS 1241 50.230 J SP9HWY 10080725 LA8NK JO48KM>J090NH 1125 SP9HWY 10080725 LA8NK J48NB 10911125 50.230 J G0GMS 10111212 LA7VH 1412 50.230 J G0GMS 10111954 LA8NK J048KM>IO82SQ 960 230 J G1OAR 10120119 LT3H 55 FF76 FERNANDO 5364 FM5JC 10121735 LA4LN WEAK JP50>J055 50.135 W 028ZS 10121748 LA4LN WEAK JP50>J055 50.136 H S57RR 10121800 LA4LN CW 502 50.136 H S57RR 10121801 LA4LN JF50JA>J054 613 .135 OZ2LD 10121801 LA4LN JF50JA>J054 613 .135 OZ2LD 10122022 LA4LN J76M JP50JA>J021LU 377 FE2PE 10122022 LA4LN J76M JP50JA>J021LU 377 FE2PE 10122026 LA4LN JF50JA>J071LP 1351 GM6TEO 10122036 LA4LN JP50JA>J071LP 1351 GM6TEO 10122039 LA4LN JF50JA>J071LP 1351 GM6TEO 10122039 LA4LN JF50JA>J070NH 1199 J SP9HWY 10122039 LA4LN J666 50.235 J G0GMS 10132130 LG5LG J069CW>J048KM 246 098 W LA8NK
10151051	JAN MAYEN 10202030 JX75IX 1881 50.079 OH6CT 10211953 JX75IX 599 IQ50RX 1699 .079 B SM4IVE  JERSEY IS. 10021637 GB3IOJ 559 1434 50.065 B CT1HZE 10151259 GB3IOJ 599 1434 50.065 B CT1HZE 10171711 GB3IOJ 599 1434 50.065 B CT1HZE 10211104 GB3IOJ ES>JN35 871 50.066 B IRIEGC 10251138 GB3IOJ 559 1434 50.065 CT1HZE 10271205 GB3IOJ 539 1434 50.065 CT1HZE 10271205 GB3IOJ 539 1434 50.065 CT1HZE  LITHUANIA 10221426 LY2BAW KO25KA 1464 50.102 9A5X  LUXEMBOURG 10021636 LX0SIX 599 1858 50.023 B CT1HZE 10031546 LX0SIX 559>JO30BU 431 .022 B DL8PM 10041243 LX0SIX 579 50.023 B DL8PM 10041243 LX0SIX TROPO 50.022 PA7FA	10132209 LG5LG 529 JO69CW>JO59RAX 162
IRELAND  10151302 EIDSIX 44 IO63NF>HM68KP 2238 CU3EQ 10211043 EI3IO IO63>IM97 1837 50.130 GOKOM 10230913 EI6AL IO63>JO50 1272 50.098 DL4ALI 10230917 EI6AL 559 IO63>JN87 1805 HAIFV 10230927 EI8DL 579 IO53>JN87 1934 HAIFV 10230927 EI8DL 579 IO53>JN87 1934 HAIFV 10230931 EI6AL 1980 50.098 OKIAD 10230949 EI8DL IO53WW 1318 50.095 DKSWL	10051225 LXOSIX SORMS-JO40LN 355 .023 H DLZFDL	09300633 SP9HWY JO90NH>JO65HP 734 OZ1DJJ 09300585 SP9HWY JERZI 1048 50.230 J IZLERW 09301527 SP9HWY MS 1562 50.230 J G4IGO 10011109 SR9FHA 559 KN09BW>JN70CN H ICRFAX 10041057 SP9HWY JT6M JN34 1048 .230 J IKHIKN 10051816 SP9HWY JO90NH>JN98VC 250 HAGNN 10052049 SP9HWY J090NH>J048KM 1125 HAGNN 10070700 SP9HWY JT6M 50.230 J KHIKNN 10070813 SP9HWY J090NH>J048KM 1125 HAGNN 10112039 SP9HWY J090NH>J048KM 1125 G0CHE
ISLE OF MANN 10150916 GD0EMG 392 50.165 G4PCI 10150917 GD0EMG 59 696 50.165 PE1CZG 10150917 GD0EMG 59 696 50.165 DL1EAP 10150930 GD0EMG 1074>J031 50.165 DH6JI 10150930 GD0EMG 1074>J080 1530 .165 DH6JI 10150954 GD0EMG 1074>J080 1530 .165 W DL3BUE 10151035 GD0EMG 1074>J072 1336 .165 W DL3BUE 10151035 GD0EMG 1074>JN52 1749 .165 IKSRLP  ITALY  90920810 1Q6VP 569,18EMG 559 > IO80JV B G4UPS 09300957 1Z1ERW MS GIORGIO 50.230 J SP9HWY 10011109 1Q4AD 559 JN53KQ>IO80JV S G4UPS 10011105 IGGU JN72EN>J080JK 911 098 10011128 10JX JN98SJN61 50.005 B SP9HWX 10011128 10JX JN98SJN61 50.005 B P6MLK 10011143 18MPO JN70FP>J080IK 1102 SP6MLK	10261437   LAIDE   LAUSIN 559   1858   SO.023   CTIRZE	PORTUGAL  09251148 CT0SIX 589 @60° >1080JV B G4UPS 09301456 CT0SIX 1762 50.032 B 16BQ1 10011042 CT0SIX 559 JN72 50.032 B 16BQ1 10021639 CT0SIX 559 J479 50.032 B G0CHE 10021643 CT1REZ 59 1538 50.130 G0CHE 10021645 CT1REX 1479 50.130 G6CHE 10021645 CT1REZ 59 157>1092 50.130 G6CHE 10021646 CT1FIZC 59 1479 50.140 H G0CHE 10021646 CT1FIZC 59 1479 50.130 G6CHE 10021645 CT1REZ 14676V GARK 1955 140 G14VIV 10021652 CT1FIZ IM570C MARK 1955 140 G14VIV 10021652 CT1FIZ IM570C MARK 1955 140 G14VIV 10021658 CT1ART 539 1479 50.037 B G0CHE 10021724 CT1ART 599 1603 50.036 B G4PCI 10031942 CT0SIX 539 INSO>J031NI 032 B D4FCI 10031942 CT0SIX 539 INSO>J031NI 032 B D46JL 10151207 CT1ART 549 1479 50.037 B G0CHE 10151213 CT1ART 549 1479 50.037 B G0CHE 10151213 CT1ART 549 1479 50.036 B G4PCI

10151251	CTIART	1564 50.037 B EI3IO
10151305 10151707 10151722	CTOSIX	559 14/9 50.032 B GOCHE
10151707	CT1DRB	599 IM58KO>JN45OA 1673 I2WSG
10151722	CTIART	539 IM67AH 1692 .037 B IK2GSO
10161226	CTOSIX	549 1479 50.032 B GOCHE
10161226	CTIART	569 1479 50.037 B GOCHE
10161232	CTOSIX	1910 50.032 B PA2V
10161236	CT1ART CT1ART	1910 50.037 B PA2V 559 IO80 1479 50.036 B G4IGO 559>JN530Q 1679 .037 B IZ5EKV 599>JO21 1820 50.037 B PA2M
10171043	CTIARI	559>JN530Q 1679 .037 B IZ5EKV
10171701 10171714 10171716	CT1ART CT1ART	599>JO21 1820 50.037 B PA2M
10171716	CTIHZE	IM57NH>JO21IP 1916 PA2M
10171717	CTIHZE	E7 1520 E0 150 U C7VUD
10171720	CT1HZE	57>JN35SB 1601 .150 IKIPAG 42 IO80 1538 50.150 G4IGO 57 ALGARVE 2003 .150 PEOVT
10171724	CT1HZE	42 IO80 1538 50.150 G4IGO
10171731 10171734	CTIHZE	57 ALGARVE 2003 .150 PEOVT 559 IM67>JO31 50.037 B DH6JL
10171734	CT1ART CT1HZE	559 IM67>JO31 50.037 B DH6JL 53-55 JO61WE 2359 DG1VL
10171736	CTIHZE	53-55 JO61WE 2359 DG1VL 57 1538 50.150 H GOCHE
10171739	CTIART	599>JN06DB 1126 .036 B F5VFO
10171752	CTIHZE	559 1601 50.110 IK2IQC
10171752 10171757 10171804	CTIHZE	IM57NH>JO31NI 2004 DH6JL
10171804	CTIART	579 IM67AH 1540 .036 B I2KBD 599 IM67AH 1690 .037 B CU3AA
10171805	CTIART	599 IM67AH 1690 .037 B CU3AA
10171828	CTIHZE	CQ 2359 50.110 DF4PL
10171832	CTIART	>JN55 1736 50.037 B IK3STG 599>IO81FL 1612 .036 B GW3MFY
10171839	CT1ART CT1ART	599>IO81FL 1612 .036 B GW3MFY 549 1603 50.037 B G4PCI
10171847	CTIART	
10171943	CT1HZE	1910 50.037 B PA2V CQ 2003 50.099 PA2V
10171955	CTOSIX	539>JN48 1778 50.032 B DL4MP
	CTIFFU	579 1462 50.110 IWOFFK
10172024	CTIART	599 1910 50.037 B PA2V
10172029	CT1HZE	55 TM57NH>.TN61 1930 TKOXTH
10172035 10172038	CT1HZE	55>JN52LR 1787 .150 IK5RLP
10172038	CT1HZE	59>JO22XW 2081 .150 PE1BTX
10172052	CTIEAT	59 50.140 E PEIBTX
10181134	CTIART	419 IO82 1696 50.037 GOGMS
10210931	CTOSIX	SEG TMETAUNTOSO 2000 D DEZEA
10210947	CT1ART CT0SIX	579 Es>JO50UF 2029 B DK2EA 559 IM67AH>JO50 2099 B DK2EA 1910 50.032 B PA3C
10211003	CTIDRB	579 IM58KO>JO50 2059 DK2EA
10211005	CTIDRB	520 TMSRS TOSO 2039 DT 1 NILY
10211029	CTIART	589 1603 50.037 B G4PCI
10211030		359 1603 30.031 B G4FC1
10211041	CTIART	529 IM67>JO43 2161 B DL8BDU
10211116	CT1ANO	IN51RE>IO83LB 1383 GW8ASD IN51RE>JO41EQ 1736 DM2HB
10211117	CT1ANO CT1ANO	INSIRE>JO41EQ 1736 DM2HB JO71 1997 50.165 H DH2UAK 59 INSIRE>JN86EH 2070 9A8A INSIRE>JN87UJ 2119 HAIFV INSI>JO01 50.152 G8RZA 59 INSIRE>JOV47 1556 DFIGL STRONG 1479 50.095 GOREK GOOD SIG 1997 50.140 DK2OM
10211128	CTIANO	JU/1 199/ 50.165 H DHZUAK
10211133	CTIANO	TNS1RESTN87.TJ 2119 HAIFV
10211139	CTIANO	IN51>JO01 50.152 G8RZA
10211143	CTIANO	59 IN51RE>JO22XW 1700 PE1BTX
10211145	CTIANO	59 IN51RE>JN47 1556 DF1GL
10211149	CT1DRB	59 IN51RE>JN47 1556 DF1GL STRONG 1479 50.095 GOREK
10211321	CTIANO	GOOD SIG 1997 50.140 DK2OM IN51>JO21 50.140 PA3GDY
10211410	CTIANO	IN51>JO21 50.140 PA3GDY
10231132	CTIART	IM67AH>JN78CJ 2174 B OE5MPL 59>JO31 1648 50.140 DL6BR 58>JO31 2010 50.153 DL6BR
10231358	CTIANO	59>JO31 1648 50.140 DL6BR 58>JO31 2010 50.153 DL6BR
10231428	CT1HZE CT1HZE	IM57NH>JO43DC 2199 DG2BCP
10231440	CTIART	529 IM67>JO31NI 2251 B DH6JL
10231442	CTOSIX	IN50>JO31NI 2251 032 B DH6JL
10241053	CT1HZE	>JO71 2359 50.150 H DH2UAK
10241057	CT1HZE	EQ THEONY TOOK ONTO
10241201 10241231	CT1HZE	IM57NH>JO71 2446 150 DH2UAK
10241231	CTOSIX	IN50>JO71 2204 .032 B DH2UAK
10251049	CTIART	IM57NH3JO71 2446 150 DH2UAK IN50>JO71 2204 .032 B DH2UAK S19>JO50LE 2076 .037 B DL1NUX 59>JO50LE 2129 .150 DL1NUX 55>TO85AR 2080 .150 GM4ISM
10251115	CT1HZE	59>JO50LE 2129 .150 DL1NUX
10251120	CT1HZE CT1HZE	55>IO85AR 2080 .150 GM4ISM 59 2359 50.150 H DG5YIL
10251123	CTIBXT	
10261115	CT1HZE	S7 JOE >JO92 2740 SP3RNZ
10271545	CTIART	559 IM67AH>JN58 1973 B DK1MAX
10271623	CT1HZE	IM57NH>JO31NI 2004 DH6JL
<b>ROMA</b>	NIA	
		N44HE>JO31NI 1784 DH6JL
10221226	YOAPX R	N44 1018 50.129 OM7PY

10221226	YO4PX KN44	HE>JO31NI	1784	DH6JL
10231148	YOAPX KN44	1018	50.1	29 OM7PY
10231218	YO4PX 827		50.0	99 OM3FQ
10271250	YO9IE 599>	JM490H 16	09 .1	00 ISOGQX

### SARDINIA

10161243	IS0GRB	579	1540	50.030 B	GOCHE
10211237				50.150	OM7PY
10211239	ISOGQX	JM4	OH>JN98VC	1293	HAGNN
10211244	ISOGQX	59	1246	50.150	HA9RC
10211248	ISOGQX	59	JM490H>JN8	7JJ 1086	HAIFV
10211301	ISOFKQ/	8 JI	487 1837	50.158	DL4ALI

### SCOTLAND

10011231	GB3LER	
10131635	GM3WOJ	IO77WJ>IO91AL 672 G4PCI
10131705	GM3WOJ	CHRIS 1077 770 .225 GOGMS
10131929	GB3LER	54A>1075 629 50.064 MMOAMW
10131944	GB3LER	WEAK AU 598 50.064 LA8NK
10140847	GM3WOJ	IO77WJ>JO90NH 1704 SP9HWY
10141610	GB3LER	53A>1075 629 50.064 MM0AMW
10141617	GB3 LER	598 50.064 B LA8NK
10142017	GB3LER	529 5 MIN 50.064 DH6JL
10150959	GB3LER	559 IP90>JO31NI .064 B DH6JL
10202224	GB3LER	55A IO86AD 513 .064 MM0BSM
10210955	GM6VXB	IO97AQ>JN98 1720 230 HA6NN
10211032	GB3LER	599 1045 50.064 B PA2M
10211052	MMSDWW	1063 50.150 H PA2M
10211057	MMOAMW	IO75EJ>IL18UL 3111 EA1ASC
10211217	GB3LER	559 2129 50.064 B EA3AKY
10211724	GB3LER	52A>JO58AX 640 .064 B LA8HGA
10211925	GB3 LER	53A>IO75 629 50.064 B MMOAMW
10212228	GM4WJA	BSc 545 50.230 J GOGMS
10212235	GM4WJA	IO75OH>JO21EC 759 J ON6AB
10212253	GM4WJA	IO750H>JN64FD 1737 J IW4ARD
10230929	GM4WZL	55 3961 50.150 5B4FL

### SERBIA

100111103	ANIENT 223 KNOWN A62 '049 B	IKZGSO
	4N1ZNI 539 KN03>JO80 836 B	SP6MLK
	YT1AU 59 934 50.150	
	YU1EO 559>JO55 1238 50.033 B	OZ1BNN
10151004	YU1EO 559 1992 50.033 B	4X1UN
	4N1ZNI 559 ES JN11>KN03 1568	<b>EA3AKY</b>
	YU1EO 599 JN11>KN04 1575 B	<b>EA3AKY</b>
	YU6DZ 599 1250 50.100	PA2M
10220908	YU77AZ 59 JN37VP) JN95VA 943	
10220910	4N1ZNI 599 KN04>JO31 1280 B	DH6JL
	YU6DZ 599>JO50IP 839 50.099	DH6AD
10220924	4N1ZNI 59>JN58 691 50.045 B	DFOBV
10220928		DM2AUO
10220932	YU7AZ 946 50.160	HB9CSM
	YU6DZ JN92>JO21 1454 50.100	
		DG9YIH
	4N1ZNI JN37>KN03 1175 .046 B	
	YU1FE 59>JN58 691 50.171	DFOBV
10221117		OK2POI
	YU7EF KN04>IN73 2128 50.140	EB1EHO
10221406	YU6DZ JN92>JO21 1454 50.107	ON7NQ
10221507	YU6DZ 599 1059 50.104 YU6DZ 1280 50.100	DL2KQ
10221513	YU6DZ 1280 50.100	PAIXA
	YU6DZ 599>JO22QD 1520 .097	PA2JWN
	YU6DZ JN92NC>JN48 1062 .099	DJ7PW
10230942	YU6DZ JN92NC>JO43FG 1472	DJ4KW

SICILY	7	
09020823	IT9X	559, IOJX 449 >IO80JV B G4UPS
10011051	IT9X	529 JM78>JO50 1370 057 B DK2EA
10011055	IT9X	559 JM78RE>JO80IK .057 B SP6MLK
10011144	IT9X	559>J042GE 1816 50.057 B DL3YEE
10011146	IT9X	539>JO54AF 2007 50.057 B DC6LJ
10011212	IT9X	559 2117 50.057 B GOCHE
10011225	IT9X	559>JO55 2133 50.057 B OZ1BNN
10021752	IT9X	599 1829 50.057 B ON6AB
10021756	IT9X	539 JM78RE>IO90IR 1917 B G7RAU
10021756	IT9X	569 2117 50.057 B GOCHE
10021927	IT9X	599 1943 50.057 B PA7FA
10031224	IT9X	559 JM78RE>JO31 1620 B DJ6XV
10161044	IT9X	599 JM78RE 1029 50.057 B HA8AR
10161116	IT9X	559 JM78>JN59 1263 B DF5NK
10161153	IT9X	JM78RE>JN78CJ 1139 B OE5MPL
10161647	IT9X	559 JM78>JO71 1445 B DH2UAK
10171518	IT9X	539 1588 50.057 B SP5XMU 559 158 50.057 B SP5XMU
10171536	IT9X	
10181247	IT9X	JM78>JO20 1548 50.057 B ON4KST
10191233	IT9X	417 JM78>JN61 374 .057 B IKOXIH
10211059	IT9X	579>JO62 1785 50.057 B DM2AUO
10211132	IT9X	559 JM78>JO50 1369 057 B DK5A
10211215	IT9X	599>JO21 1869 50.057 B PA2M 59 JM78RE>JO31NI 1602 B DH6JL
10211310	IT9X	59 JM78RE>JO31NI 1602 B DH6JL 579 2117 50.057 B GOCHE
102211444	IT9X	7371 50.056 B N2FA
10221209	IT9X	599>1081FL 2217 50.057 B GW3MFY
10231022	IT9X	599 JM78RE>IO81AO 2123 B GW6TYO
10251022	IT9X	JM78 2158 50.057 B GW3LEW
10201340	TIDA	OTT O ZIJO JU. UJ / B GWJLEW

### SLOVENIA

10031128	S552RS 539 2357	50.022 E	CT1HZE
10070854	S51WX JN75>KN06 431	50.103	HASCE
10151037	S55SIX 569 2182	50.022 E	4X1UN
10151642	S58AL 1519	50.110	UR3IFI
10171704	S55ZRS 559 2357	50.022 E	CT1HZE
10211129	S51U JN75>KN22 862	50.108	LZ1ZP
10211136	S51U JN76>JN87 168	50.108 H	HALFV
10211146	S57TA JN76 1739	50.140	EA1AHC
10261120	S55ZRS 519 2357	50.022 E	CT1HZE
10271110	S55ZRS 559 2357	50.022 E	CTIHZE
10271701	S55ZRS 559 2357	50.022 E	CT1HZE

### CDATN

SPAIN			
10021804	EA3SIX 599>KN06MQ 163	1 .055 B	HA8AR
10051550	EA3SIX 579 JN01VO>JO5	5PM 1694	OZ1BNN
10051614	EB3DYO 51/51 1671	50.110 S	OZ1BNN
10122040	EH7HG 1416	50.228 J	G8PL
10132139		.5 .231	EA7HG
10132210		50.231	DL8PM
10151154		50.230	GOGMS
10151213		50.150	G4PCI
10151217	EH7BYM 59 1122	50.150	GOCHE
10151224			GOGMS
10151226	EA7AHA 59 IM76IU 1564		GOCHE
10151240	EH7BYM 58 IM68>1091 1		MSBXB
10151245	EA7DUD 59 IM76SR>1091		G4PCI
10151248	EA7FOY 579 1242		G4PCI
10151257		50.138	EI3IO
10151409	EH1GAR 1902	50.110	CUSEQ
10160928	EA3VHF 579 JN01>JN72		I6BQI
10161054		50.100	HA8AR
10161224	EA3VHF 559 JN01 1979		LZ1ZP
10161700			SV2DCD
10171733	EH7BYM 59 IM66>JN35 1		IK1PAG
10171750		50.150	ON8AB
10171751	EB7HAF 59 JN35>IM76 1		IKIPAG
10171759		50.155	GOCHE
10171810	EB7HAF 57 1171	50.155	G4PCI
10171811	EB7CTX 59>JO32 1259		DG5YIL
10171918		560	DK1MAX
10171919		50.135	CT1HZE
10171933		50.145	IK2D
10172004		50.120	PA2V
10172010		50.120	MWORHD
10172013	EASHT IM98HF>IO83LB 1		GW8ASD
10172018		50.140 W	
10172043	EH4EHI 57 1611	50.140 E	PE1BTX
10210954	EH1EHO 559 JN87JJ		HAIFV
10210957	EB1EHO IN73DM>JN87JJ		HA1FV
10210958		50.101 H	
10211003	EB1EHO 57 IN73DM>JN87		
10211011	EB1EHO 59 IN73DM>JO50		DK2EA
10211014	EH2BCJ THOMAS IN91>10	91 140 W	MSBFL

10211018	EASAKY Es JN11AK>J021IP 115	2	PA2M
10211019	EH2BCJ 1641 50.140		DLINUX
10211026	EA1ASC 57 IN70DX>JO50 3350		DK2EA
10211034	EH2BCJ IN91MP 1589 50.140		DGOCAI
10211038	EA1BL 57 IN53>JO50 1697 140	)	DK2EA
10211039	EA3AKY JN11AK>IO75EJ 1649		MMOAMW
10211040 10211041	EAIDVI IN73EM>JN47 1219 146 ECIDQN 1556 50.135		DF1GL
10211041			G3W2T G3W2T
10211045	EALASC 1L18UL>1075EJ 3111		MMOAMW
10211046	ECIDQN 59 IN73DM>JN38 1124		DHOGHU
10211049	EA7KW 599>1075EJ 2006 .097	,	MMOAMW
10211049	ECIDQN 59 50.135	,	9A6R
10211051	EA7KW IM67XI 1481 50.098		G3WZT
10211052	EAlASC 55 IL18UL>JN87JJ 353	9	HA1FV
10211053	EA1DVI 59 IN73DM>JN99 1993		OK2GM
10211054	EH2BCJ 1836 50.110		9A8A
10211055	EA7KW 559>JN87JJ 2170 .097 EH2BCJ 59 IN91MP>JN87JJ 154 EH2BCJ Es 1473 50.160	0	HAIFV
10211058	EH2BCJ 59 IN91MP>JN87JJ 154 EH2BCJ Es 1473 50.160	0	HAIFV
10211059	ECIDON IN73>JO71 1737 .135		PE2PE DH2UAK
10211059	EH2BCJ 59 Es 1878 50.160	Н	DG5YII
10211101	EH2BCJ CQ 1122 50.160		G8RZA
10211104	ECIDON S9 IN73DM>JO80IK 185	6H	SP 6MLK
10211105	EB6SU JM19>JO01 1343 50.130		G8RZA
10211106	EB6SU 59 JM19KP 1290 50.130		G3WZT
10211106	EH2BCJ 59 59 1122 50.160		G7DGH
10211106	EH2BCJ 59 59 1122 50.160		MORCJ
10211109	EB6SU JM19KP>JO41EQ 1404		DM2HB
10211111	EH5DWS 1534 50.154 EH7OC Es IM77>JO50 1902 175		PA3C
102111112	EH7OC Es IM77>JO50 1902 175 ECIDQN Es IN73>JO50 1415	1	DK5A
10211116	EH2BCJ IN91>JN99 1786 .145		DK5A OK2GM
10211117	EC1DQN IN73>J001 996 50.135		G8RZA
10211119	EH5DWS Es SALVO 1473 50.154	W	PE2PE
10211123	EH4EED IM68>JN99 2394 .145		OK2GM
10211128	EA1BL IN53 900 50.155		G8RZA
10211137	ECIDQN 1941 50.135		9A8A
10211143	ECIDQN 59 1956 50.135		PE1BTX
10211143	EH4EED 59 1611 50.145	S	PE1BTX
10211144	EH4EED IM68>JN47 1635 .145	-	DF1GL
102111147	EA3VHF JN01EA 1548 50.070 EH4EED IM68>JO41 1890 .145		OM7PY DM2HB
10211152	EH4EED IM68>JO41 1890 .145 ECIDQN 59 1993 50.135	4	S57TA
10211159	ECIDQN JN45PN 1438 50.130		IK2MLS
10211211	EA7AHA IM76 2101 50.155		MMOAMW
10211223	EB1BFS 1666 50.135		DM2HB
10211232	EC1DQN 1885 50.149		PAOGSM
10211235	ECIDQN 55 QSB 2362 50.150		OZ2SYV
10211242	EC1DQN 59 IN73>JN58 1351	S	DL6SBM
10211244	EB1BFS IN73DH>JN38VN 1137 EA1BBE IN62BH>IO75EJ 1463		DHOGHU
10211245	ECIDQN 2362 50.150		OZ SAGJ
10211255	EB1BFS IN73>JN49 1317 .135		DL7JAN
10211256	ECIDON 2178 50.150		DL7JAN
10211305	EC1DQN 55 IN73>JO47 50.150		OZOJD
10211310	ECIDQN 2178 50.150		DH7SA
10211322	ECIDON IN73>J071 1737 .150		DH2UAK
10211340	EA3VHF 549 JN01 1391 50.070	В	S51UJ
10211347	EA3FF CQ 1656 50.140		MMOAMW
10211355	EA1KV 46 IN520G>1091AL 1146		G4PCI
10211403	EB5EIB IM98>JN99 2002 .110 EH3FHP ES JN11DW>JN99 1540		OK2GM OK2GM
10211414	EH3FHP 59 JN11DW>JN67 1046		DL3LFA
10211437	EH3FHP JN11DW>J071 1434 130		DHZUAK
10211512	EB3DYO JN11>JO71 1438 .141		DH2UAK
10211538	EA3VHF 559 JN01>JN67 1160	В	DL3LFA
10221352	EB1EHO IN73DM>KO29KM 2721		ES2RJ
10230926	EA3VHF 529 ES 2233 50.070	B	SV2DCD
10271050	EA3VHF 529 JN01 1979 .070	В	LZ1ZP

### SVALRARD

SVALD	MANU					
10141619	JW7SIX	1778		50.048		OH6CT
10201754	JW5SIX	1778		50.046		OH6CT
10201844	JW7SIX	1778		50.048		OH6CT
10201848	JW9SIX	1778		50.049		OH6CT
10211951	JW9SIX	579 JQ94	1722	50.048	В	SM4 IVE
10221921	JW9SIX	599>KP02	1563	50.048	B	OH6KTL
10221926	JW7SIX	559>KP02	1563	50.047	В	OH6KTL
10221944	JW7SIX	JQ68 216	52	50.047	В	SM4 IVE

### SWEDEN

10071958	SM6MVE	418		50.230		LASNK
10121727	SM6WET	125		50.155		OZ3FYN
10121913	SK4WV S	89 JO5	9>JP70	203 160		LA9L
10121916	SM6CDN	559 JO	67CH>JC	059 253		LA9L
10121917	SM6UQL	56 305	7WU>JOS	9 189		LA9L
10121928	SK4WV			50.160	W	OZ1BNN
10121933	SM6WET	CQ JT6	M 1082	50.230		G4PCI
10121941	SM3BEI	LENNAR'	T 707	50.226	J	SP9HWY
10121946	SK4WV S	559 >JN	65	50.160	W	S57RR
10121959	SM3BEI	JT6M L	ENNART	666 226		PE2PE
10122019	SM6WET	559 10:	38	50.177		S57RR
10122044	SM3BEI	1202		50.226	J	GOGMS
10122045	SM6WET	JT6M 6	66	50.230	J	PE2PE
10122055	SM6WET	10DB		50.230	J	GOGMS
10122103	SM6WET	1202		50.230		G8PL

### SWITZERLAND

DITTE		AL VAL			
09300904	HB9ADJ	859	50.235	J	GOGMS
10041954	HB9DVH	JT6M 1045	50.230	J	GW6TE
10042022	HB9DVH	JT6M JN34TP 22	22 .230	J	IK1HX
10042030	HB9ADJ	JT6M MARIO JN3	34TP		IK1HX
10042039	HB9DVH	CQ 1342	50.230		LASNK
10042052	HB9DVH	JT6M 613	50.230		PE2PE
10061839	HB9ADJ	CQ JT6M 855	50.230		G4PCI
10061852	HB9ADJ	CQ 1342	50.230		LA8NK
10061927	HB9ADJ	1342	50.230	J	LASNK
10071003	HB9ADJ	JT6M MS 859	50.230	J	GOCHE
10071043	HB9ADJ	JT6M MS 855	50.230		G4PCI
10111927	<b>HB9DVH</b>	JT6M MS 966	50.230		GIOAR
10131234	HB9DVH	CONTANT SIGNAL	.230	J	GOGMS
10131259	HB9DVH	JT6M MS 859	50.235		GOCHE
10131935	HB9MCZ	JN36KK>IO71LP	1041		GW6TE
10151042	HB9ADJ	JT6M 855	50.230		G4PCI

10151057 HB9ADJ CQ JT6M 818 50.230 ISOGGX 10151138 HB9SX 5399JM65 IG9 1321 B 12ADN 10151220 HB9ADJ SHORT ES 50.230 SP9HWY 10161654 HB9SIX JN47QF 706 50.058 B DF0HF 10171712 HB9SIX 559 &1949 1658 .058 B CT1HZE 10171856 HB9SIX 529>IM97 EA5 1453 B GOKOM/10181231 HB9ADJ NICE COPY 50.230 J GOGMS	CANADA, Manitoba  10010533 VE4ARM 52A EN09>EN44 821 B K9MU 10090538 VE4SPT >EN38 50.025 B KGOVL 10210127 VE4ARM 51A EN09>EN44 821 B K9MU 10221215 VE4ARM 59 EN19>EM89 1566 WZ8D  CANADA, Alberta  09300615 VE6EMU 519 D033>CN88 892 B KE7V 10020745 VE6EMU 52A D033 2445 50.041 B KE7V 10130251 VE6EMU AURORA 2445 50.041 B KE7V 10140242 VE6EMU 519 D033>CN88 892 B KE7V 10220715 VE6EMU 519 D033 2445 50.041 B KE7V 10220715 VE6EMU 519 D033 2445 50.041 B KE7V	10162308 FM5AN 4951 50.110 PY2NO 10212235 FM5AN 59 4951 50.110 PY5HOT 10212331 FM5AN 778 50.115 W WP3UX 10222330 FM5JC 59 4964 50.110 PP5XX 10232234 FM5JC FK94LD>GI64 2718 .110 PR82X 10232231 FMHN 4951 50.140 PT7VB 10232312 FMHN 59 FK94>GG66 4490 140 PY2MTV
10201417 HB9ADJ JT6M 8DB 1046 50.230 J OZIBNN 10211158 HB9CMZ 1173 50.156 EA2AFV	CANADA, Alberta 09300615 VE6EMU 519 DO33>CN88 892 B KE7V	10232318 FM1HN 4951 50.140 W PR7AR 10252342 FM5JC 4964 50.110 W PT7VB
UKRAINE 1001103 UU5AI 55>JN54 2036 50.140 IW4BET 10021036 UU5SIX 579>JN72 1924 50.080 B 16BQI	10020745 VE6EMU 52A D033 2445 50.041 B KE7V 10130251 VE6EMU AURORA 2445 50.041 B KE7V 10140242 VE6EMU 51A D033>CN88 892 B KE7V 10220715 VE6EMU 33A 2445 50.041 B KE7V 10230454 VE6EMU 519 D033 2445 50.041 B KE7V	MEXICO, XE2 09280130 XE2PEA 57 DL95>DM43 1347 W7RV 10222351 XE2OR 50.110 N5BO/4
10062032 UT7UV JT6M SASHA 2071 .230 J LA8NK 10151642 UR6IM 559 2280 50.097 I5IAR	10291757 VE6EMU 529 892 50.041 B VE7DUB	MEXICO, XE3
10151648 URGIM 599 KN88>JN86 1463 HA3HV 10151652 UR3IFD 599 KN87>JN86 1464 HA3HV 10151658 UR3IFD CQ KN87 1406 50.099 OM5KM 10151702 UR3IFD 579 KN87>JN45 2142 I2WSG 10151703 UR3IFD 1802 50.099 9A4K 10151707 URGIM 1802 50.100 H 9A4K 10151707 URGIM KN88 1390 50.100 OM5KM	10230414 VE6EMU 519 D033 2445 50.041 B KE7V 10291757 VE6EMU 529 892 50.041 B VE7DUB CANADA, British Columbia 09270224 VE7DUB 349 C088>CN88 50.135 KE7V 09280630 VE7DAY 1222 10140245 VE7FG 51A C083>CN88 50.033 B KE7V 10210736 VE7FG 51A C083>CN88 50.033 B KE7V 10230418 VE7DUB 449 C088 50.097 H KE7V CAYMAN IS. 10211916 ZF1RC ROGER EK99 2188 110 FM5JC 10211923 ZF1RC 50.110 W WP3UX 10211924 ZF1RC CQ SSB 2188 50.117 FM5JC 10211924 ZF1RC 59 EK99>FK68 1475 110 WP4MIX 10221212 ZF1RC 59 PJ4 50.110 S PA3CNX/ 10222208 ZF1RC 57 EK99>EM19 50.110 N WZSD 10222208 ZF1RC 57 EKP9>EM19 50.110 N WZSD 10222213 ZF1RC 58 EKP9 EM19 50.110 N WZSD 1022221 ZF1RC 58 EKP9 EM19 50.110 N WZSD 1022220 N EM19 EM19 EM19 EM19 EM19 EM19 EM19 EM19	10230027 XESPEA ELG1>EMI2 1571 .110 WQSW 10230027 XESPEA ELG1>EMI3 1656 .110 NORQ 10230042 XESPEA CQN 1559 50.110 W5DN 10230048 XESPEA DL71>EM86 2700 .110 K4WS 10230118 XESARV EK59>EM80 2296 .095 WZ8D 10230121 XESARV EK59>EM60 1239 .110 N5BO/4 10230131 XESARV S3 >EM66QF 50.110 K4AL
10160950 UU5AX 557.N530Q 2061 50.150 IZ5EKV 10161055 UT5DX 57 KN18>JM65 1661 155 IZADN	CAYMAN IS.	PANAMA
10210916 UUSAT 1485 50.137 OESSWC 10210957 UT2XQ 559>JN61 1530 50.099 IKOFTA 10220817 UU5SIX KN74AL BOOMING 2109 B HB9QQ 10221119 UT5JAJ 59 2177 50.133 W PE1BTX 10221153 UT5JAJ KN64>J021 2207 .133 ON7NQ 10221523 UR5TW 2827 50.140 EB3DVY	10211923 ZFIRC ROGER ERS9 2188	10162358 HP3XUG CW 5498 50.102 PY2NQ 10202125 HP3XUG 55 EJ88>EL87 50.110 W WP3UX 10202155 HP3XUG 2053 50.013 B WP3UX 10202242 HP1AC 55 EJ88>EL87 50.110 KD4ESV 10202251 HP1AC 55>EM70 2454 50.105 K4RX
WALES 09300944 GW3XYW IO71>JN78 1412 .230 OE5MPL	10222213 2F1RC 59 EK99>EM70 1287 110 K4RX	PUERTO RICO
10132000 GW6TEO 1071LP>1091AL 213 G4PCI	COSTA RICA 10212043 TISII 1870 50.110 HI3TEJ	09290029 NP4A 57 5571 50.110 PP1CZ 09291310 NP4A 539 1806 50.110 KE4WBO
Reports of North America  AMERICAN WATERS	10222208 ZFIRC 57 EK99>EM19 50.110 NORQ 10222213 ZFIRC 59 EK99>EM70 1287 110 K4RX  COSTA RICA 10212043 T1811 1870 50.110 H13TEJ 10212048 T1811 59 E779 50.110 KE4WBO 10221442 T17WAM 559>EM70 2334 50.111 K4RX 10222109 T1811 2748 50.110 N5BO/4 10222249 T17WAM 339 >EM25 50.110 C K5SW 10222252 T12ALF 429 >EM25 50.110 C K5SW	09301506 NP4A 52 PEDRO 437 50.110 FJ5DX 0930230 NP4A CQ SLOW CW 768 50.111 FM5JC 10060149 NP4A LOUD >GG67 5049 50.110 PY2BR2 10060157 NP4A 59 PEDRO 5571 50.110 PY2KP 10072352 NP4A 5571 50.110 PY1NB
10052338 UT1FG/MM YURI FK83>FK84 130 FM5JC 10062255 UT1FG/MM FK66 50.110 WP3UX	CLID A	10080029 NP4A 59 5986 50.110 CX4CR 10080055 NP4A LOUD>GG67 5049 50.111 PY2BRZ
10062318 UT1FG/MM 55 FK66>FK68 .110 NP3CW 10062348 UT1FG/MM FK67 50.110 WP3UX	10221623 CO8LY 1119 50.125 AA4SC 10240042 CO8LY CO 2284 50 125 N3DR	10082115 WP4N FK78>EL96 2830 50.110 WB2TQE 10082120 WP3UX FK68>EL96 1860 50.125 WB2TQE
1007/2018 01116/mm 10877849 50.110 WP30X 10211309 WOAMM/MM WEAK 50.125 WZ8D 10212052 UT1FG/mm YURI FK29 1579 110 FM5JC	10240055 CO8LY 1119 50.125 N4BH 10240100 CO8LY 55 2398 50.125 WZ8D	10090146 NP4A 57 CO BRASIL 5571 110 PP5XX 10100137 NP4A PEDRO 5571 50.110 PP1CZ
10212100 UT1FG/MM VERY WEAK 50.110 W WP3UX 10221457 UT1FG/MM FL20 50.111 N3DB	10240101 CO8LY 33 >FM16 1841 50.125 H W4RVZ 10240106 CO2CR FL95>EM89 2572 50.145 WZ8D 10241324 CO8LY CO 2640 50.125 K9Dcc	10102325 NP4A 55/1 50.110 PY4GY 10102325 NP4A 59 5571 50.110 PY2GGH 10130045 NP4A CO 5571 50.110 PP5AR
10222051 UT1FG/MM FL20>EM60 1636 110 N5B0/4 10222056 UT1FG/MM 59 >EM60 50.110 WB4TJO	10241340 CO8LY 59 >EL98 50.125 N4WQB 10241414 CO8LY 59 FL20LA>EL88 1239 W4HY	10132251 NP4A 55 5571 50.110 PP5XX 10140000 NP4A 5571 50.115 PY3CQ
10222348 UT1FG/MM 50.125 W5DN 10240039 UT1FG/MM FL20 50.110 N3DB	10241434 COSLY 2747 50.125 KEIF	10142203 NP3CW 5571 50.110 PP5XX 10142204 NP3CW 5571 50.130 PY4OY
10241418 UT1FG/MM 59 FL20>EL88 1201 W4HY 10241435 UT1FG/MM F120>EL98 50.130 N4WOB	10162340 HISTEJ 54 50.110 LU2NI	10142252 WP3UX 55>GG53QW 5366 50.110 PP5XX 10142305 NP4A 50.110 PR7AR
ALASKA	10170018 HI3TEJ CQ 5836 50.110 PY2NQ 10212115 HI3TEJ 599 TED 3063 50.110 N5BO	10142309 NP4A 59 5571 50.110 PP5XX 10142344 NP3A 5571 50.109 PY3CQ 10142346 NP4A 59 5952 50 115 LUDNI
09240411 KL7NO 56A BP64>CN87 50.125 C K7CW 09240422 AL7RT 58A BP64>CN87 50.125 C K7CW	10212119 HI3TEJ 599 >PJ4 50.110 PA3CNX/	10142349 NP4A 5571 50.115 PY1SX 10150005 WP4NQR 5952 50.145 LU2NI
ANTIGUA	CUBA	10150007 KP4YI 5952 50.135 LU2NI 10150049 NP4A FK68>GI64 3453 50.115 PR82X 10150054 NP4A 5571 50.115 PR7AB
10221926 V26HS 55 FK97 212 50.110 FJ5DX 10252340 V26HS DIFF COPY 644 50.110 WP3UX	10142227 FG5GP 55 TEP 5166 50.110 PP5XX 10160002 FG5GP 59 5166 50.110 PP5XX 10160018 FG5GP ALAIN FK96HD>GG66 150 PY2MTV	10150101 NP4A 599 FK68PD 5524 50.110 PY2VA 10152230 WP4LUU QSB 1806 50.115 K4RX
10262206 V26HS 53 HOWARD 644 50.110 WP4G	10162307 FG5GP 59 5166 50.115 PY2NQ 10162314 FG5BC 5166 50.110 PY2NQ	10152245 WP3UX 55>EM70 2251 50.110 K4RX 10152251 NP4A 59 5571 50.110 PP5XX 10152255 NP4A 59 PEDDO 50.110 PP5XX
BAHAMAS 10221506 C6AFP 579 1556 50.063 B N3DB	10162323 FGSBC 59 5166 50.130 PYSHSD 10162327 FGSBC CQ DX 5166 50.130 PY2NQ 10162328 FGSGP 5166 50.150 PY4OY 10212301 FGISGW 673 50.110 WP3UX 10212325 FGSGP 5166 50.110 PY5HOT 10212335 FGSGP 673 50.150 WP3UX 10212345 FGISGW 53 5166 50.110 PY5HOT 10212335 FGSGP 59 ALAIN >GGSJ3CW 4953 PFSXX 10252334 FGSGP 573 50.150 WP3UX 10252334 FGSGP 5673 50.150 PY5HOT 1022030 FGSGP 5673 50.150 PY5HOT 10220355 FGSGP 5166 50.150 PYSHSD 10252335 FGSGP 5166 50.150 PYSHSD 10252335 FGSGP 5166 50.150 PYSHSD 10252344 FGSGP 5166 50.150 PYSHSD 102524421 TGSSO 559 EK44>EM70 1881 B K4RX	10162355 NP4A STRONG 5571 50.115 PY2NQ 10162355 NP4A STRONG 5571 50.130 PY2NQ
10230027 C6AFP 539 FL16>EM89 1548 B W28D 10232354 C6AFP 539>FN21 1677 50.062 B N2WM	10162329 FG5GP 5166 50.140 PY4CY 10212301 FG1GW 673 50.110 W WP3UX	10170031 WP3UX WILLEN 5952 50.102 PY2NO 101700031 WP4G, NP4A 5571 50.102 W PY2SP 10170031 WP3UX WILLEN 5952 50.123 W LU2NI
10240018 C6AFP 599 1651 50.063 B WZ8D 10242351 C6AFP STARTING 1651 50.063 B WZ8D 10270157 C6AFP 1651 50.063 B WZ8D	10212322 FG5GP 59 5166 50.110 PY5HOT 10212335 FG5GP 673 50.150 W WP3UX	10172354 NP4A 500.110 C PR7AR 10172358 NP4A CW 5571 50.110 PY2NQ
10272327 C6AFP 55>EM79 QSB 1624 .062 B W8IF	10220300 FG5GP 59 ALAIN >GG53QW 4953 PF5XX 10252354 FG5GP 5673 50.110 LU2NI	10172358 NP4A CW 5571   50.110 PY2NQ   10180008 NP4A 559 PEDRO   50.110 PY7ZZ   10180016 NP4A 59 5571   50.110 PP1CZ   10190005 NP4A   59.002 FJ5DX   10192256 NP4A 59 5571   50.110 PY2SP   10192256 NP4A 59 5571
BARBADOS 10080010 8P6CV 57>GF15-5340 50.110 CX4CR	10252354 FG5GP ALAIN 5166 50.150 PY1SX 10252355 FG5GP 5166 50.150 PY5HSD	10192256 NP4A 59 5571 50.110 PY2SP 10192259 NP4A 53 5571 50.110 PY2MTV
10142321 8P6DV 4791 50.125 PY40Y 10142352 8P6DV 5336 50.125 LU2NI 10170010 8P6DV 4791 50.120 PY2NQ 10210034 8P6DV 5336 50.125 LU2NI	GUATEMALA 10221421 TG9SO 559 EK44>EM70 1881 B K4BY	10192256 NP4A 59 5571 50.110 PY2SP 10192259 NP4A 53 5571 50.110 PY2MTV 10192257 NP4A 59 S5756 50.110 PY3OG 10202242 NP4A GOOD SIG 915 50.110 PY3OG 1020242 NP4A 60OD SIG 915 50.110 PY5DSL 102110034 NP4A 59 5571 50.108 PY2XAT
10210034 8P6DV 5336 50.125 LU2NI	10221421 TG9SO 559 EK44>EM70 1881 B K4RX 10221443 TG9AFX 59>EM70 1881 50.110 K4RX 10221621 TG9SO EK44>EM60 1825 50.011 B N5BO/4 10221630 TG9SO 579>EM70 1881 50.011 B K4RX	10221336 NP3S QSB 2625 50.110 N3DB 10221535 WP3UX 1806 50.125 N4BH
10222354 8P6DV 4791 50.125 PY5H5D 10230005 8P6DV 50125 4791 50.130 PP1CZ 10232351 8P6DV 59 4791 50.110 PP5XX 10242347 8P6DV LOUD>GG67 4210 50.110 PY2BRZ	10221630 TG9SO 579>EM70 1881 50.011 B K4RX 10221949 TG9SO 539 EK44 1866 50.010 B KE4WBO 10222045 TG9SO EK44>EM60 1825 50.011 B N5BO/4	10221549 NP4A W/ N4BH 2625 50.125 N4BH 10222327 NP4A CW 5571 50.110 PP1CZ
	10222218 TG9SO EK44>EM60 1825 50.011 B N5BO/4 10222348 TG9NX FRANCO 1957 50.110 N5BO/4 10230000 TG9NX 3193 50.110 K3FM	10210034 NP4A 59 5571 10221335 NP3A SQB 2625 50.110 N3DB 10221535 WP3UX 1806 50.125 N4BH 10221549 NP4A 1806 50.125 N4BH 10221549 NP4A W/ N4BH 2625 10222347 NP4A CW 5571 102222345 NP4A 57 5571 50.110 PP1CZ 10222345 NP4A 59 5571 10232258 NP4A 59 5571 10232258 NP4A 59 5571 10232232 NP4A 59 5571 10232323 NP4A 59 5571
BELIZE 10222316 V31PC 55>EM60 1459 50.114 N5B0/4	HONDURAS	10241433 AP4E1T >EL98 50.125 N4WOB
10222324 V31PC EK56>EM60 1569 50.114 N5BO/4 10222325 V31PC EK56>EM13 2052 50.114 NORQ	10221645 HR9BFS 59 3656 50.125 S W5DN 10222100 HR9BFS EK66 2139 50.125 N5BO/4	10241449 WP3UX 59 FK68>EL88 1970 125 W4HY 10252350 NP4A 5571 50.110 PY2VA
CANADA, Quebec	10222137 HR9BFS EK66>EM12 2043 .125 WQ5W	ST BARTHELEMY
CANADA, Ontario	10222245 HR9BFS EK66>EL49 1501 .125 N5OMG	09290054 FJ5DX SSB 5331 50.110 PP1CZ 09300239 FJ5DX CQ SSB 5331 50.110 PY2NQ
10081542 VE3ÉN CW 1787 50.125 N4DB 10081543 VE3EN FN25>EM89 934 50.125 WZ8D	10222339 HR1/K2LCT 2512 50.110 W N5BO/4	09300242 FJ5DX 53>GG46 4740 50.110 PY5EW 10060041 FJ5DX STRONG GG67 4775 110 PY2BRZ
10100004 VE3KHZ 56 EN92>EN91 111 125 W3GLH 10100020 VE3NHY 57 EN93>EN91 222 125 W3GLH 10140309 VE3FGU JT6M FN04>EM60 .260 N5BO	10040106 FM5.7C 5795CC530W 4751 110 PREVV	10232254 FJ5DX SSB 5331 50.110 PR7AR
10211917 VE3FGU JT6M FN04>EM60 1706 N5BO/4	10040107 FM5JC GOOD SIG 4964 50.110 PP1CZ 10050027 FM5JO 559 FK94 5464 50.110 CX4CR 10081412 FM5JC 339 2570 50.105 K4RX	10252310 FJ5DX 59 5331 50.110 PY2MTV 10252323 FJ5DX CQ 5331 50.110 PP5AR 10252328 FJ5DX 55 BSc 396 50.110 FM5JC
CANADA, Northern 10120454 VERNSD 33 4687 50.125 H KE7V	10130032 FM5JC CQ 4964 50.110 PP5AR	ST KITTS & NEVIS IS.
	10142238 FM5JC CQ CW 4964 50.110 PY1NB 10142252 FM5JC 559>HI23 3707 50.110 PR7AR 10142252 FM5JC 599 4964 50.110 PP5XX	09282331 V44KAA 59 FK87 50.110 FJ5DX

TURKS & CAICOS  10221230 VP5KE S9 FL41 2186 50.110 N3DB 10221231 VP5KE 2342 50.110 W2OIB 10221239 VP5KE FL41>FN42 2334 50.110 W1OW 10221324 VP5KE 2775 50.110 N5BO/4 10221352 VP5KE 57 >FM18 50.120 K3XA 10221446 VP5KE 59 FL31>FM03 1458 110 K14AOQ	10212358 W4GRW EM95 778 50.147 K8YC 10220100 W4AAH 55 EM96>EM79 483 .127 W8IF 10220100 W4AWS 55 EM96>EM79 1276 .127 W8IF 10220112 K4ATM 53 EM95>EM79 567 .147 W8IF 10221154 KD4ESV 59 EL87>EM89 1334 W28D 10221157 W4WA EM84>EM89 555 50.125 W28D 10221536 W4BH 1806 50.110 W WP3UX 10221935 KD4ESV 1806 50.110 W WP3UX 10222302 KEAWBO 7193 50.130 PYSHOTI	10070001 K8KHH 55 507 50.125 W3GLH 10070003 N82ZE EN82>EM53 1129 50.125 10070044 N8NMA 56 EM99>EN91 222 .125 W3GLH 10070046 K8NN 59 EM99>EN91 222 .125 W3GLH 10092255 K18CA 56 EN91>EN89 279 .125 W3GLH 10092314 K8KS 55 EN91>EN82 199 .125 W3GLH 10092321 K6ENR 57 EN71>EN91 333 125 W3GLH 10092331 K6ENN 59 EN91>EM99 222 .125 W3GLH 305LH 305
VIRGIN IS. 10261927 KP2/W4DTA 50.110 W4SO	10222330 W41AA 392EM20 1371 50.110 W5DN 10222332 KE4WBO 7193 50.130 PY5HOT 10222337 W4SO 7193 50.130 PY5HOT 10230010 W4SO 55>GG53QW 7003 50.110 PP5XX	10141348 WBIF LOUD>EN80 1346 50.125 N4DB 10172255 K82WY JIM 507 50.125 W3GLH 10201209 WB8NFJ 56 EL98>EM79 1276 W8IF 10211306 WB8NFJ/4 59 EL97>EM89 1346 WZRD
United States, W1  09261651 W1JJ -23 EME 4969 50.204 J G4IGO 09281832 W1JJ -20 EME 4969 50.023 J G4IGO 10041357 WALOUB 549 FN54>EMB 6 2204 B W5KI 10141015 W1JJ 50.196 J 16BQT 10141120 W1JJ DE PA25FMF EME 50.187 J PEIBTX 10141255 W1JJ JT65A CQ EME -23 5001 G4PCT	10222306 WATAN 59>EM20 1371 50.110 WSDN 10222332 KE4WBO 7193 50.130 PYSHOT 10222337 W4SO 7193 50.130 PYSHOT 10223010 W4SO 55>GG53QW 7003 50.130 PYSHOT 10230027 AAAW EL99FK>EM79 1346 1.27 KBMCN 10230033 KE4GBH 59 EL96>EM99 1445 127 KBMCN 10230035 K4PG 579 EL96>EM99 1445 127 KBMCN 10230035 K4PG EL96>FM19 1492 50.127 K2PLF 10230112 K4BEE EM81>EM60 397 50.125 N5BO 10230114 KG4RW EL96>EM79 1492 130 K8MCN 10230118 KE4GBH 1647 50.135 N2WM 10230126 W4/N5BO JUSTIN 1753 50.110 KB4ET 10240037 KI4NSM 1647 50.125 WB2TCE	10211322 WA8FTA EM52>FN20 1185 125 W20IB 10211936 N808 EN80>EM60 1168 50.250 N5B0/4 10221302 WA8FTA 1346 10.125 N4BH 10271424 K8MMM/M 59 TOM 1820 50.125 W W5KI 10271424 W8ARY 59 EN91>EM36 1174 S W5KI 10271448 W8WFB 579 EM90>EM36 1133 C W5KI 10272339 K8ZEE FM14>EM60 1037 50.125 W5B0/4
10151131 K1SIX FN43>EM96 1152 .265 WS4V 10151425 WJJJ JT65A -19 EME 5001 G4PCI 10162357 K1NDF 57 FN42>FM03 1220 125 K14AOQ 102170035 N1GLT 56 FN42>FM03 1220 135 K14AOQ 10212351 K1IM 57 FN31>FM19 404 .127 H AK3E 10272230 WIWDX 59 FN32>FM03 1129 125 K14AOQ 10272236 WIWDX FN32>EM60 1824 50.125 N5BO/4 10272237 WA1BXY FN41>EM60 1882 .125 N5BO/4 10272237 WA1BXY FN41>EM60 1882 .125 K14AOQ 10272255 W1OW 57 FN42>FM03 1220 K14AOQ K14AO	10241136 WB4TJO 55 EM60>EM79 1016 WBIF 10241144 KG4NLZ/M 1806 50.125 W WP3UX 10241445 W4/KEIF 1987 50.090 KEIF 10241446 N4WQB 1806 50.125 W WP3UX 10241447 W4TAA 1806 50.125 W WP3UX 10241451 W4HY 1806 50.125 W WP3UX 10241456 KI4BTD 1806 50.125 W WP3UX 10241502 W4TAA 59 EM87>FK68 2623 110 WP4NIX 10241512 K4TQR EM63 1839 50.061 B WIJJ 10241527 WK4N 59 EM75 1552 50.125 WIJJ	09292151 WBBF FSK EM57>EM60 799 .255 J N5BO/4 10011351 KBB2TF 559>EM60 1222 50.126 N5BO/4 10030327 WB9F FSK EM57>EM60 799 .260 N5BO/4 10030327 WB9F FSK EM57>EM60 799 .260 W3GLH 102211903 KB9ZTF FSK RANDOM 50.250 J N5BO/4 10220124 WD9EMF EM57>EM60 799 50.250 J N5BO/4 10241848 K9MU 339 MS EN44>EM70 1642 K4RX
10272321 W10W FN42>EM60 1949 50.125 N5B0/4 United States. W2	1024152 MARN 39 MR 31532 50.125 WILL 1021135 WACHA 599>FK68 1806 50.125 K9IL 10271357 K4AL JT6M 1787 50.260 J VE3FGU	09301815 NOPB EM39>EM60 1139 50.125 H N5BO 10010205 K0KP 51A EN26>EN18 268 B NOUY 10021603 K0VUY CLG W28D 50.125 W5DN
10041415 WA2PJP FN305FN10 338 50.125 W3MEL 10041421 K2LZQ 55 CQ 391 50.125 W1JJ 10041423 WB2DBZ FN105FN30 338 50.140 W3MEL 10041434 K2LZQ 55 FN205EN91 50.125 W3GLH 10071451 N2PK 55 >EL94 50.125 KE4WB0 10211842 KC2PFV 41 FN20>EM60 1551 J N5B0/4 10221312 K2LZQ 6200 50.110 EB3AKL 10240041 WB2TQE FM165EL96 1174 .125 W4RVZ	10272255 K14ACQ FM03>FN42 1220 .130 W10W 10272301 W4ETN QSB 1647 50.130 K2SZ 10272305 N4ZEN EM92>FN42 1531 50.125 W10W 10272311 K4JVW EM94>FN42 1242 50.125 W10W 10272324 KF4TEN EM94>EM60 716 50.175 N5BO 10272330 W4KVW EM80>FN42 1708 50.125 W10W 10272337 W4/N5BO EM60UR>FM16 1072 W4RVZ 10272339 W4RVZ FM16>EM60 1141 50.125 N5BO 10272346 W4RVZ 59 FM16>EM60 1141 50.125 N5BO 10272346 W4RVZ 59 FM16>EM60 1141 50.125 N5BO 10272346 W4RVZ 59 FM16>EM60 1141 50.125 N5BO	10062345 KOVUY 59 EM48SI>FM19 1169 AK3E 10062351 MODEDK EM17 730 50.125 NOJK 10070023 MO/K9ROD DM77>EM53 1512 125 KD51KG 10080133 KGUV SC 1872 50.125 WZ8D 10081442 KOCIY EM25>EM89 1146 50.125 WZ8D 100814518 NOPB EM39>EM89 857 50.125 WZ8D 10090030 KGVUX 519 EX38>EN44 470 125 K9MU 10090030 KOVUY VY STRONG 1262 50.130 WZ8D
United States, W3 10041439 w3GLH EN91>EN80 50.125 H N4DB	United States, W 5 10040048 K5AB 559>EM60 1148 50.060 B N5BO 10061204 KC5PIA EM51>EM60 220 50.125 K04BB 10070048 W5CPM 559 EM265EM17 209 066 B NDJK	10160057 NOURW 53 EM79>EN41 553 .125 W8IF 10171626 KOVUY QSB 1262 50.125 N3II 10210127 K0PK 52 EN37>EN44 367 .125 K9MU 10221212 K0GUV 59 EN26 1173 50.125 WZ8D
10092221 W3GLH EM91>EL49 1609 50.125 N5OMG 10100059 W3RAR 54 FM19>EN91 404 .125 W3GLH 10210105 K3ZXL 2625 50.135 W WP3UX 10211248 K3KIR FM20>EN80 676 50.125 N4DB 10221513 N3DB 559>FK68 2424 50.110 H N93CW 10232325 N3DB 57 7996 50.120 PY5ZHP 10232337 N3DB >GG66VA 7568 50.110 PYZMTV 10232337 N3DB >GG66VA 7568 50.110 PYZMTV 10232335 K3TKJ CLG 8P6DV 7949 50.110 PYSXX 10271426 KB3MHX EM46FF>EM91 1255 125 K0XXX 10271454 K3KYR 579 FN24>EM36 1756 W5KI 102722252 N3VVH FN20>EM60 1551 50.130 N5BO	United States, W5  10040048 K5AB 559>EM60 1148 50.060 B N5BO 10061204 KC5PIA EM51>EM60 220 50.125 N04BB 10070048 W5GPM 559 EM26>EM17 209 066 B N5BO 10061204 KC5PIA EM51>EM60 220 50.125 N04B 10082212 N5BLZ 3485 50.110 W921X W931X 10092224 N5OMG 55 EL49>EN91 1609 125 10092235 W5/VE3DXP 55 EL49>EN91 1609 125 10092235 W5/VE3DXP 55 EL49>EN91 1609 125 10120026 WA5UUD EM62>EM53 217 50.130 N5OMG 10120026 WA5UUD EM62>EM53 217 50.130 N5OMG 10212114 N5BOZ 3063 50.110 N5OMG 10212114 N5BOZ 3063 50.110 N5OMG 10222112 N5ORT 57>FL W/HR9 1753 .125 K4MBD 1022212 N5ORT 57>FL W/HR9 1753 .125 K4MBD 10222316 W5DX CQ DX 1753 50.110 W4SO 10230148 K5AB 599 EM01 1748 50.060 W28D 10230148 K5AB 599 EM01 1748 50.060 W28D 10230148 K5AB 593 EM01>EM02 EM70 1340 K4RX W04DX 10270116 N5DEH EM74>DM65 1963 50.125 W64DX 10270124 K5AB 539 EM01>EM03 50.125 W64DX 10270124 K5AB 539 EM01>EM04 1604 B K9MU 10272243 KC5PIA EM51>FN42 2005 .125 W10W W10W 10272331 W85XX EM53>FM16 1141 50.125 W4RVZ	10221218 KOKP 539 EM89>EN36 1123 073 B WZBD 10230151 WOIJT DM79>CM89 1541 50.065 B WAGFXL 10230212 WOMTK DM59>CM98 1041 50.155 K3UG 10260106 KOVUY 59 EM48 50.145 WZBD 10260209 NOLL 559 EM09>CN88 2151 077 B KETV 10260221 WOMTK 519 DM59>CN88 1497 B KETV 10260223 WOJW60AL 559 DM79>CN88 1746 KETV 10260239 WOJW60AL 559 DM79>CN89 1746 KETV 10260239 WOJW60AL 559 DM79>CN87 1696 125 N6KW 10270111 KCOMEA DM79>CN87 1696 50.065 B N6KW 10270111 KCOMEA DM79>EM74 1856 125 WO4DX
	10270116 N5JEH EM74>DM65 1963 50.125 W04DX 10270116 N5JEH EM74>DM65 1963 50.125 W04DX 10270136 K5AB 539 EM01>EN44 1604 B K9MU 10272243 KC5PIA EM51>FN42 2005 .125 W10W 10272222 AC5TM EM40>FN42 2200 50.125 W10W 10272331 WB5XX EM53>FM16 1141 50.125 W4RVZ 10272333 W55IKG EM53>FM16 1141 .125 W4RVZ 1027037 K5AB 599 EM01>DM43 50.060 B AC7XP 10300046 KD50MJ/M 55 DM41>CM98 .125 S KC6ZWT 10300046 KD50MJ/M 55 DM41>CM98 .125 S KC6ZWT 10300049 K5FD 560 PM13 CM98 .126 S MC6ZWT 10300049 K5FD 560 PM13 CM98 .126 S MC6ZWT 10300049 K5FD 560 PM13 CM98 .126 S MC6ZWT 10300049 K5FD 560 PM13 CM98 .126 CM PM COCC	TOTAL MATERIAL STATES
10011434 WA4TJO 52 >EM56 1162 50.125 K9IL 10011454 WA4VUT 1753 50.125 KD5IKG 10081210 KD4NMI 519 FM05>EL96 1018 B KE4WBO	10001405 KSEL 505 FERILS 50.120 C #0000	Reports of Oceania
10081759 KB4ESV EL87>FK68 1916 .110 NP3CW 10082134 K4PG ,K4SN 1806 50.125 W WP3UX 10082134 W4/WB2TQE >EL96 2772 50.125 W WP3UX 10082136 KD4ESV 1806 50.125 W WP3UX 10082137 K14LH ,AE4DP 1806 50.125 W WP3UX 10082137 N4IS 55 EL96>FK68 1688 .110 WP4NIX 10082138 W4TAA 55 EL87>FK68 1916 110 W44	United States, W6 10021822 N6NB DM05>CM89 518 50.068 B WA6FXL 10230151 KG6JDX 58 CM97CI>DN30 836 K7TLX 10230157 K6FV CM870U>DN70 1528 .069 B K0GU 10230227 W6GMT 59 DM05>DN05 1111 W7BX 10230312 N6NLX 56 DM14>DN05 1234 W7BX 10230318 W6CMF 45 DM1>DN05 1640 .150 W7BX	AUSTRALIA, General 10060548 VK TV VIS S9 >PM74
10082152 W4TAA 1806 50.110 W WP3UX 10092215 W4/N5BO 529 FL>MI 50.125 K8KS 10092241 W4/N5BO 59 EM60>EN91 1335 W3GLH 10092245 KD4LEJ EM98>EM60 1044 .125 N5BO	10230336 K6MI DM06>DN05 1000 50.130 W7BX 10230409 WA6PXO DM13>DN05 1344 .135 W7BX 10230412 W6VX 59 DM04>CN88 1591 .125 KE7V 10230436 KG61YN DM12>CN88 1809 BRUCE KE7V	Australian Capital Terr. 10220353 VK1VP 59 >PM74 50.140 JG3LEB
10092333 K14KVS EM64>EM56 WALT 286 K9IL 10132315 W4/N5B0 559 >EM70 50.111 K4RX 10151312 K24RR EM90>EM89 1016 .125 WZ8D 10151324 N4DSS EM63>EM89 756 50.125 WZ8D 10152239 N4NDR 55>EM70 446 50.130 K4RX 10152245 K4RX 2176 50.110 W WP3UX	10230445 KJ6QB >CN87 50.150 W7AML 10260400 K6KNN CN88>DM04 1591 50.125 KE7V 10260403 KG6TRR NEAR LA 1132 50.125 KE7V 10290111 KE6UMW 59 >DM79 50.135 KC0MEA 10290156 KD6HDX 55 DM13>DN3OXQ .125 S K7TLX	Australia-New South Wales 10220445 VK2AYM 59 7851 50.160 JPIGUW 10250241 VK2AHV 569>RF73HD 50.288 B ZL3NE/1 10250723 VK2AH >RF73HD 50.110 ZL3NE/1
10152245 KD4ESV 1806 50.110 W WP3UX 10160116 KD4NMI 539 MS/ES FM05 .060 B KE4WBO 10160121 K4HRS 529 EL98 HARRIS .067 B KE4WBO 10170042 KD4ESV 55 EL87>EM89 1334 WZ8D 10170044 KD4ESV 1383 50.125 N3OX 10170051 KG4RMD 53 FM03>EL88 673 125 KI4AOQ 10170053 W4CHA 138 50.080 B N3OX	United States, W7  09270121 K17JA 339 DN27>CN88 605 125  10120309 KD7UFF CN77>CN88 185 50.125  KE7V  10140943 K7AD DN06ID>J022XW 7833 190  PE1BTX  10141232 K7AD JT65 CQ EME 7651 .189  G5WQ  10151703 KD7TKC 52 CN86>DN05 328  W7BX	Australia-Victoria-VK3  10220411 VK3DUT 59 >PM74  10220413 VK3DUT 55 8139  10220413 VK3Q SSB 8139  10220413 VK3Q SSB 8139  10220436 VK3XQ CQ 8139  10220457 VK3AMK 8139  50.134  JF2RDG
10170105 K14BWW 55 FM03>FM05 222 125 K14AOQ 10191724 W4MOS 1346 50.125 K8LEE 10201303 AC4TO 57MS EM70>EM79 1000 W8LF 10202314 W4TRA 459 ES>GG87 6981 .105 PY1RO 10210012 K4NNX 55 7375 50.115 LU2NI 10210048 K4PG 1806 50.125 W WP3UX 10210058 K4PG E196>FK68 1688 50.125 WP3UX 10210202 K14FCQ 55 EM72>EN91 50.125 K8MMM 10211200 W4WA 1987 50.125 K8MMM 10211200 K4RR 55 EM90>EM89 1016 125 W28D 10211400 K24RR 55 EM90 1126 50.135 W28D 10211400 K24RR 59 EM90 1126 50.135 WZ8D 10211400 K24RR 59 EM90 1126 50.135 WZ8D 10211400 K24RR 59 EM90 1126 50.135 WZ8D 10211400 K24RR 59 EM90 1026 50.125 KITTT	10220242 K7WIA 559 CN87>DN05 378 095 W7BX 10230133 W7KNT 559 DM12>DN36 1593 B N6OR 10230223 W7MEM DM12>DN17 1667 50.130 N6OR 10230306 KE7DJL 1152 50.125 AD6WL 10230333 KB7DQH 1132 50.125 AD6WL 10230336 KI7PG DM14>CN87 1529 50.140 AD6WL 10230343 W7NDH CN96>CM97 1000 50.145 KG6I 10230405 W7DX 1132 50.135 NY6Y 10230417 W7/K3UHF CN86>DM43 1765 125 NE7X 10230437 K7CW CN87>DM12 1742 50.160 N6OR 10300032 KE7HMO DM33>DM05 50.125 W6GMT	Australia-Queensland-VK4  10091215 VK4ABW 23 EME GARY 50.195 J K1SG 10170242 VK4RTL 599 >PF95JJ 50.087 B VK5BC 10180350 VK4RGG 599 >PF95JJ 50.087 B VK5BC 10190540 VK4RGG 599 >PF95JJ WAYNE .130 VK5BC 10200441 VK4RTL 539>PF95GA 50.087 B VK5 SWL 10220343 VK4ABP 559 52.3465 B JG3LEB 10220352 VK4C2 57 >PM74 50.110 JG3LEB 10220409 VK4C2 CQ 6257 50.130 JA3AZD 10250504 VK4RTL 449 >PF95GA 50.087 B VK5 SWL 10250723 VK4TT >RF73HD 50.110 ZL3NB/1
10211404 K24RR 1987   50.125 K1TTT   10211427 W4/W81F/M EM78   50.145 W28D   10212131 K4NNX 59 >PJ4   50.120 PA3CNX/ 10212229 K4NNX 599 2233   50.105 C HP3XUG   10212339 W4AAH EM96FM19 483   50.127 AK3E   10212355 W4MW EM96   50.127 K8YC   10212355 W4MW EM96   50.127 K8YC   10212355 W4MW EM96   50.127 K8YC	United States, W8 09302001 w8wFB cw 507 50.125 K3HX 09302215 W28D/M EM377>EM60 954 50.175 N5B0/4 10011209 K8MMM 599 MS>EM60 1320 .126 N5B0/4 10011436 W28D/M 41 EM27>EM60 1071 N5B0/4 10041121 W8IF MOBILE 1346 50.125 N4DB	South Australia-VK5  10220359 VK5RB SSB CQ 7785 50.110 JE2XBY 10220438 VK5RY 7785 50.160 JA5XAE 10220442 VK52LX SSB CQ 7785 50.120 JE2XBY 10220522 VK5RBV BSC >QF02WH 50.315 VK3SIX

TT	09300301 PY2DS 53/55 MURITO 5331 FJ5DY	10232304 HK3JRL FJ24 4203 50.135 K1SG
West Austrana-VKO 10110855 VK6RSX >QM05 50.304 B JA1VOK	09300301 PY2DS 53/55 MURILO 5331 FJ5DX 09300309 Z2ZTUP 52 5331 50.110 FJ5DX 10010048 PY5HOT 59 MIKE GG46 4374 FM5JC 10010146 PY5HOT 4839 50.120 YV5DSL 10020157 PY3DU 55 LUIS 5331 50.110 FJ5DX 10020221 PY2DS 55 MURILO 5331 50.110 FJ5DX 10020221 PY2DS 59 TITO 4964 50.110 FM5JC	10232306 HK3JRL CQ 4007 50.135 WM3O 10232314 HK3JRL 4007 50.135 WT3Q
10120650 VK6RSX >QM05 50.304 B JAIVOK 10120651 VK6RSX STRONG 6190 50.304 B JG3LEB	10010146 PY5HOT 4839 50.120 YV5DSL 10020157 PY3DU 55 LUIS 5331 50.110 FJ5DX	10232314 HK3JRL >FM06 3581 50.135 K3K0
10150650 VK6RSX 6190 50.304 B JG3LEB 10210600 VK6RSX >PM53 50.304 B JA6TEW	10020216 PY2DS 55 MURILO 5331 50.110 FJ5DX 10020221 PY1CW 54>FK87 5331 50.110 FJ5DX	CURACAO NETH. ANTILLES
Australia-Northern Terr.  10060548 VK8RAS >PM74 100601122 VK8VF 519 TEP>PM74 10110700 VK8RAS >PM95 10150804 VK8RAS >P >PF95JJ 10250450 VK8RAS PG66>QF12AG 10251239 VKRAS 569 >PF95GA	10052327 PY2DSC 59 TITO 4964 50.110 FM5JC 10052334 PY2PR 57 5330 50.110 FJ5DX	10050014 PJ2BVU CQ DX CW 50.110 CX4CR
10060548 VK8RAS >PM74 50.0466 B JG3LEB	10060151 PY2DSC W/NP4A 5571 50.110 NP3CW 10072338 PY2CDS 5571 50.120 W WP3UX	FRENCH GUIANA 10162255 FY5KAC 57 LUC 4W 1720 .120 FJ5DX
10110700 VK8RAS >QM05 50.047 B JAIVOK	10080023 PY5HOT 41>GJ35 3804 50.110 FY1FL 10102340 PY2WBC 5571 50.110 NP3CW	10252257 FY5KAC 57 1340 50.120 FM5JC
10250450 VK8RAS PG66>QF12AG 50.0468 B VK3SIX 10251239 VK8RAS 569 >PF95GA 50.047 B VK5 SWL	10102340 PY5HOT 53>FK68 5571 50.110 NP3CW 10102343 PY2GH 53>FK68 5571 50.110 NP3CW	
	10102343 FIZAR 327FR06 3371 30.110 RF3CW	PARAGUAY 10102350 2P5CGL WEAK. CARLOS W/NP4A H NP3CW
NEW CALEDONIA 10230219 FK8SIX 579>RF73HD 50.080 ZL3NE/1	10120125 PY5HOT 4964 50.110 FM5JC 10132245 PR8ZX 57 EARLY TEP 50.110 PP5XX	10102356 ZP5CGL CQ 4480 50.110 FM5JC 10110000 ZP5VGL 55>PJ4 FK52>GG14 110 PA3CNY/
NEW ZEALAND	10110026 PYSHOT 57>PJ4 FK52>GG46 110 PA3CNX/ 10120125 PYSHOT 4964 50.110 FM5JC 10132245 PR8ZX 57 EARLY TEP 50.110 PPSXX 10132247 PR7AR 559 CQ CW 50.110 PPSXX 10132330 PY2AJ GG66 590 50.110 PR8ZX 10140145 PY2WC 11868 50.105 ES8DH	10150046 ZP5CGL GI64>GG14 2465 .120 PR8ZX 10150047 ZP5CGL GG14 4480 50.110 FM5JC
10131342 ZLSR EME 14831 50.206 J WIJJ	10140145 PY2WC 11868 50.105 ES8DH 10142237 PY2CDS 50.110 W WP3UX	DEDII
10152350 ZL8R = Z3DB 17700 50.206 J SMF3E 10160055 ZL8R EME 18 50.206 J PE1BTX	10142241 PY6KR 55 ED HH07 3869 .110 FM5JC 10142243 PY2BS 59 BRUCE GG76 4581 FM5JC	10130215 OA4/N6XQ 41 3616 50.110 WP3UX
PHILLIPINES	10142245 PR7AR 559 HI23 3707 50.110 FM5JC 10142245 PY2BS 5571 50.110 W WP3UX	10201718 OA4B 559/GG53QW 3309 .036 PP5XX
10040700 DUIEV >QM05 50.008 B JAIVOK 10120715 DUIEV >QM05 50.008 B JAIVOK	10142249 PY2BVF 5571 50.110 W WP3UX 10142250 PY2BS 55>FK96 5166 50.110 FG1GW	10220144 OA4B 559>GG53QW 3309 50.036 B PE5XX
10120740 DU1EV 3070 50.008 B JG3LEB 10130722 DU1EV STRONG 3070 50.008 B JG3LEB	10142255 PY2BVF BENITO 5166 50.120 W FGIGW	TODADAD S TODA CO
Departs of South America	10110026 PYSHOT 577PJ4 FKS2SGG46 110 PASCNX/ 10120125 PYSHOT 4964 50.110 PMSJC 10132247 PR7AR 559 CQ W 50.110 PPSXX 10132247 PR7AR 559 CQ W 50.110 PPSXX 10132330 PY2AJ GG66 590 50.110 PR8ZX 10140145 PY2WC 11868 50.105 ESBDH 10142237 PY2CDS 10142241 PY6KR 55 ED HH07 3869 .110 PMSJC 10142243 PY2BS 59 BRUCE GG76 4881 FMSJC 10142245 PY2BS 59 PH23 3707 50.110 PMSJC 10142245 PY2BS 5571 50.110 W WP3UX 10142249 PY2BS 5571 50.110 W WP3UX 10142249 PY2BS 557F896 5166 50.110 W WP3UX 10142250 PY2BS 557F896 5166 50.110 FGIGW 10142254 PY2CW 559 ROB GG66 4503 111 FMSJC 10142323 PYSAK CQ SSB 4964 50.110 FMSJC 10142337 Z23TZY CQ SSB 4964 50.110 FMSJC 10142338 PY2RBR SUBENS GG66 4503 111 FMSJC 10142338 PY2RBR SUBENS GG66 4503 111 FMSJC 10142338 PY2RBR SUBENS GG66 4503 111 FMSJC	09270027 924BM 54 S 4523 50.110 PY5HOT
neports of South America	10142249 PYZPNF 5571 10142250 PYZPNF 559 ROB GG66 4503 111 10142254 PYZPNF BERNITO 5166 10142323 PYZPNF BERNITO 5166 10142337 PYZPNF BERNITO 5166 10142338 PYZPNF SPERNITO 5166 10142339 PYZPNF SPERNITO 5160 10152039 PYZPNF 59 PEDRO 5571 10152039 PYZPNF 59 PEDRO 5571 10152239 PYZPNF 5571 10152310 PYZPNF WARK 5571 10152316 PYZPNF WARK 5571 10152316 PYZPNF WARK 5571 10152316 PYZPNF WARK 5571 10162314 PYZ OPEN 2M PYF5XX PYZAQ 10162314 PYZPNDX GG66>GI64 2001 10162334 PYZPNDX GG66>GI64 2001 10162359 PYZRND 5571 10162359 PYZRND 5571 10162359 PYZRND 5571 101720315 PUZMXU SP PYZEX 5301 10172318 PYZPN 5571 10172315 PUZMXU SP PYZEX 5301 10172312 PYZSR 550 10172322 PYZSR 5571 10172331 PUZMXU SSB 8417 10172332 PYZRND 5571 10172336 PYZRND 5571 10172336 PYZRND 5571 10172336 PYZRND 5571 10190013 PYZXAT 5571 10190013 PYZXAT 5571 10190014 PYZXAT 5571 10190015 PYZXAT 5571 10190017 PYZRD 5571 10190018 PYZXAT 5571 10190019 PYZXAT 5571 10190019 PYZXAT 5571 10190019 PYZXAT 5571 10190021 PYZXAT 5571 10190023 PYZDSC 5571 10190034 PYZRND 5571 10190037 PYZRD 5571 10190038 PYZRND 5571 10190039 PYZRND 5571 10100039 PYZRND 5571 10190039 PYZRND 5571 10190039 PYZRND 5571 10201322 PYZRND 5571 10201323 PYZRND 5571 10201323 PYZRND 5571 10201323 PYZRND 5571 10201323 PYZRND 5571 10201322 PYZRND 5571 10201323 PYZR	10010243 9Y4AT 519>GG46 3933 50.015 B PY5EW 50.110 B PY5HOT
ARGENTINA	10152259 PP5CG 5571 50.110 W WP3UX 10152310 PY2BT 5571 50.110 WP3UX	10080025 9Y4AT 53 4523 50.015 B PY5HOT 10080025 9Y4AT 529 >FH17 (OA4) 50.015 B N6XQ/OA4
10010021 LUSMB 5112 50.110 YV5DSL	10152316 PY3FF WEAK 5571 50.120 NF3CW 10152327 PY2NDX GG66>GI64 2001 .130 PR8ZX	10132318 9Y4AT 519 4523 50.015 B PP5JD 10132318 9Y4AT 519 4523 50.015 B PR8ZX
10012312 LUDDTU >53 5952 50.110 NP3CW	10162314 PY5 OPEN 2M PP5XX PY5AQ FJ5DX 10162344 PY2EU 5571 50.120 W WP3UX	10152312 914AT 559>GG53QW 4312 .015 B PP5XX 10202006 914AT 589>FK68 1098 50.015 B WP3UX
10050054 LW6HAR PETER FF78 5143 .110 FM5JC	10162353 PY2KP 5571 50.115 W WP3UX 10162359 PY2RDZ 5571 50.120 W WP3UX	10222338 9Y4AT 559 4523 50.015 B PP5XX
10102349 LW3EX >PJ4 FK52>GF05 782 PA3CNX/	10170054 PY2XAT 5571 50.115 W WP3UX 10172315 PU2MXU 59 PY2EX 5331 50.110 FJ5DX	10230034 914AT 4523 50.015 B PY5HOT
10110008 LW6HAR >PJ4 FF78>FK52 4910 PA3CNX/	10172318 PY2GH 55 GG66>FK68 5149 110 WP4NIX 10172321 PY5AK GG46>GI64 2046 50.125 PR8ZX	10270125 9Y4AT 4523 50.015 B PY5HOT
10110026 LU1FVE 606 RENE FF88 50.125 FM5JC 10120118 LU7HCS 55 FF78 CARLO 5143 FM5JC	10172322 PY2GH 5571 50.110 W WP3UX 10172331 PU2MXU SSB 8417 50.110 N1UZ	URUGUAY
10120120 LU2NI 59 FG72 CARLOS 4700 FM5JC 10142330 LU8EMH JUAN FF94 5570 .110 FM5JC	10172336 PY5HOT 5571 50.110 W WP3UX 10172345 PY2EU 5571 50.110 W WP3UX	10010105 CX4CR 5160 50.110 YV5DSL 10142348 CX4DV DIEGO 5475 50.120 FM5JC
10142331 LU8EMH >PJ4 FF94 50.110 PA3CNX/ 10142332 LU8EMH 59>FK52 50.110 PJ2BVU	10190013 PY2XAT 5571 50.130 W WP3UX 10190015 PY2XAT 55 GG66>FK68 5149 NP3CW	10142359 CX4AAJ LUIS GF15 5475 .120 FM5JC 10172318 CX5CR GF15>GI64 3384 50.125 PR8ZX
10142339 LW3EX 59>FK52 5330 50.110 PJ2BVU 10150005 LU6QI LUIS FF66 50.110 FM5JC	10190017 PY2KP 5571 50.115 W WP3UX 10190023 PY2DSC 5571 50.125 W WP3UX	VENEZIIEI A
10150007 LUSEGY 559 5463 50.038 B FM5JC 10150010 LUBEEM >PJ4 11480 50.130 PA3CNX/	10190028 PY2XB 579>FK68 5571 50.105 NP3CW 10190034 PU2MXU 5571 50.110 W WP3UX	10010137 YV5DRN 56 >GF15 5160 50.110 CX4CR
10150011 LU2NI CARLOS FG72 50.110 FM5JC 10150013 LU8DIO ED 50.110 FM5JC	10190337 PV8DX 5571 50.110 W WP3UX 10201922 PV8DX LOUD 557 50.110 WP3UX	10010145 YV5DSL 52 4839 50.120 PY5HOT
10150015 LU5DTN CQ SSB 5463 50.110 FM5JC 10150019 LU7DTU CQ 5463 50.110 FM5JC	102023306 PY20FJ 57>FK87 5331 50.110 FJ5DX 10202330 PY1RO GG87>FK68 5251 50.105 NP3CW	10050046 YV4DYJ 5160 50.110 CX4CR 10050053 YV4DYJ 52>FK68 915 50.110 WP3UX
10150022 LUGEF >PJ4 GF05>FK52 .130 PA3CNX/ 10152309 LW3EX GF05>GI64 3452 .120 PR8ZX	1021017 PY2CDS 5571 50.135 W WP3UX 10210124 PU2MXU 5571 50.110 H WP3UX	10150040 YV4DYJ 55 4839 50.115 PP1CZ 10150040 YV4DYJ 55 4839 50.110 PP5XX
10160107 LU4HT CQ SSB 5463 50.110 FM5JC 10162315 LW3EX WALT 5952 50.130 W WP3UX	10211822 PV8DX 557 FH17 (OA4) 50.110 WP3UX 10220221 PV9DX 559 FFH17 (OA4) 50.110 N6XQ/	10162235 YV4AB 589 Es 50.026 B FJ5DX
10162316 LW3EX 5952 50.160 WP3UX 10162343 LU2NI 6136 50.110 HI3TEJ	10222342 PYSHOT 57-397FL /193 50.130 WEYBO	10162305 YV4DYJ 55 50.110 FJ5DX
10162343 LW3EX 559 CQ 6136 50.102 HI3TEJ 10162344 LU2NI 55 FG72>FK68 5118 120 WP4NIX	10230009 PY5HOT 7193 50.110 W450	10162313 YV4DYJ 51 >PJ4 TR 50.110 PA3CNX/
10170017 LUSEHQ 50.110 W WP3UX 10170027 LUZNI TNX FER QSO 5952 123 W WP3UX	10232248 PT7VB JOSE 4964 50.110 FM5JC	10172334 YV4DDK FK60>GI64 2840 .110 PR8ZX 10200035 YV4DYZ CO SSB 4839 50 110 PR8ZX
10170043 LU3EE 5952 50.115 W WP3UX 10170043 LU3EE 5952 50.115 WP4NIX 10170043 LU3EE 5952 50.115 W WP3UX	10232313 PY2IAX GG68 7559 50.111 N3DB 10232318 PY1RO 559 EM89 8339 50.107 C WZ8D	10202246 YV5DSL 915 50.110 W WP3UX 10202252 YV4DYJ Es 1011 50.120 FJ5DX
10170043 LU3EE 5952 50.115 W WP3UX 10170046 LU1ECZ FF95>GI64 3531 .115 PR82X 10170101 LU9MBK FF57>GI64 3770 .125 PR82X	10232321 PY1RO 559>FK68 5571 50.111 NP3CW 10232324 PY2IAX 559 8197 50.106 N3DB	10212121 YV4DDK 1023 50.110 HT3TE.T
10172324 LUSDDX GF05>GI64 3452 .125 PR8ZX 10192352 LU2NI 52>GJ35 4491 50.110 FY1FL	10232332 PY5ZHP 399 5571 50.115 WP3UX 10232333 PY5ZHP S7 8197 50.115 N3DB	10212202 YV5ESN 915 50.110 W WP3UX 10212345 YV4AB 55 4839 50.026 B PY5HOT
10210005 LUGEF 7375 50.107 K4NNX 10210014 LU9HW FF87>GI64 3430 50.115 PR8ZX	10232345 PY5ZHP 529 GG44>EM89 7952 WZ8D 10232354 PY2KP 559 GG66>EM89 7938 WZ8D	10212346 YV5IAL 55 CQ 4839 50.110 PY5HOT 10220004 YV5IAL 55>GG53QW 4646 .110 PP5XX
10210016 LU8HBX 1158 50.115 PR8ZX 10210027 LW3EX 559 7375 50.103 W4SO	10240009 PY2KP S5 8197 50.115 N3DB 10242327 PR8ZX 57 GI64 PEDRO 2718 FM5JC	10221935 YV4AB 519 FK50>FL 2359 .025 B KE4WBO 10230028 YV5DRN 539 4839 50.109 PP5XX
10210108 LU4FBH W/YV4DYJ 1158 50.110 PR8ZX 10210207 LW3EX 519>FK52 WALT 5330 PJ2BVU	10242329 PY5HOT 59 MIKE GG46 4374 FM5JC 10242349 PP5XX 599 PETER GG53 4751 FM5JC	10230038 YV4DYJ CQ SSB 4839 50.110 PP5XX 10230039 YV4AB 4839 50.026 B PY5HOT
10210224 LW6HAR 55>FK52 5330 50.110 PJ2BVU 10220013 LU2NI FG72 TEP>S FL 50.135 N4IS	10250007 PY2KP 5571 50.115 W WP3UX 10250025 PU2TXZ 59 FRANCISCO 50.130 FJ5DX	10232350 YV4DYJ 55 4839 50.110 PP5XX 10240012 YY5LKD CQ 4839 50.110 PR82X
10220041 LW6HAR 53 FF78>GJ35 4306 FY1FL	10250029 PY2DA 59 5331 50.118 FJ5DX 10250249 PY8ELO 539 1158 50.075 B LU8MB	10242357 YV4DYJ LOUD>GG67 4382 .110 PY2BRZ
10221457 LU5EGY WEAK SIG 10918 .130 ON7CL 10232354 LU1DMA 329 8539 50.038 B N3DB	10252317 PY2NQ 59 5331 50.120 FJ5DX 10252339 PY4BH 559 LUCIO 4964 50.110 FM5JC	QSL Information
10250055 LU9HH FF78>GI64 3445 50.115 PR8ZX 10250057 LW6HAR CQ 1158 50.110 PR8ZX	10252340 PT7VB 579 4964 50.110 FM5JC 10260114 PP5ERE CQ SSB 4964 50.110 FM5JC	
10250148 LU8MB 419 GERARD 5463 .021 B FM5JC	10272259 PP5FMM 5571 50.110 W WP3UX 10272307 PP5FMM 5571 50.110 W WP3UX 10272352 PP5FMM GG62>FK68 5549 .110 NP3CW	3XM6JR, 3XD2Z via UA6JR direct 7Q7HB via G0IAS
BONAIRE NETH. ANTILLES 10102340 PJ4/PA3CNX CQ 700 50.110 WP3UX	10272357 PP5FMM 55 GG52>EM79 8330 W8IF	9M2IDJ via JA6IDJ
10170017 PJ4/PA3CNX FK52>GI64 3148 PR82X 10212116 PJ4/PA3RNX 807 50.110 HI3TEJ	CHILE	9Q1D via SM5BFJ
10212127 PJ4/PA3CNX 807 PETER 50.120 HI3TEJ 10212203 PJ4/PA3CNX 59 700 50.115 W WP3UX	10051910 CEMUSIC S1 >EL87	C52T via G0TSM
10212212 PJ4/PA3CNX CQ 700 50.110 WP3UX 10212307 PJ4/PA3CNX CQ 700 50.110 WP3UX	10130313 XQ3SIX 549 FF46 5451 50.111 FM5JC	C6APR via K3IXD HR9BFS via WA2LZN
BRAZIL	COLOMBIA 10172252 HK3JRL 1782 50.110 W WP3UX	PJ4/K0NR to K0NR
09270009 PP5XX 529 PETER GG53 4751 FM5JC	10172255 HK3JRL 1723 50.110 WF3UX 10172255 HK3JRL 1723 50.110 HI3TEJ 10172303 HK3JRL 59 FJ24>FK68 1782 WP4NIX	PJ4/PA3CNX to PA3CNX
09270057 PY2BT 57 JAIME GG66 4503 FM5JC 09282333 PY2DSC 59 TITO 5331 50.110 S FJ5DX 09282335 PY1KIH 55 AUGUSTO 5331 .110 S FJ5DX	10172306 HK3JRL 59 FJ24>FK87 1948 FJ5DX 10202252 HK3JRL 1782 50.135 W WP3UX	direct or bureau
092823341 222YHF 55 50.120 S FJ5DX 09290059 2Z1JWA 52 5331 50.110 S F55DX	10202252 HK3JRL ES 1948 50.135 FJ5DX 10211949 HK3JRL 1782 50.135 W WP3UX	SX8F via SV1HER VO2MK via VO1KVT
09290105 PY1CW 41 5331 50.110 FJ5DX 09290118 PP5AR 54 5331 50.110 FJ5DX	10211957 HK3PJ 2053 50.135 W WP3UX 10220005 HK3JRL 59 4603 50.135 PY5HOT	VP2MDY via WA7NB
09300242 ZZ3ZTY CQ 50.110 FJ5DX 09300248 PY5EW 51/52 50.110 FJ5DX	10232045 HK3JRL 1782 50.135 W WP3UX 10232257 HK3JRL 59 4007 50.135 N3DB	Z36A via DJ0LZ ZORAN
	10232300 HK3JRL FK29 2804 50.135 W1JJ	Z38C via HA1RS